

Cit 15



**ASSIGN
BUSTER**

The process of searching huge amounts of data seeking a pattern
Mining

What information is contained in a packet
1. An address to which the packet is being sent

2. The address from where the packet originates

3. Reassembly instructions, if the original data is split between packets

4. The data that's being transmitted

Is the standard communication protocol used on most client/server networks
Ethernet

Crisis Mapping Tools gather information from sources such as emails, text messages, and tweets and make the information instantly publicly available for us in emergencies.

ICANN is responsible for the Internet's domain name system and the allocation of IP addresses.

Purpose, Mastering, autonomy
Lead to greater motivation

Networks are a group of two or more computers, or nodes, designed to share information and resources.

_____ results when leisure time and tools allow us to engage in creative acts? Cognitive Surplus

What is a common network topology
Ring Topology, Star, Bus

What are examples of being computer literate? 1. Understanding the real risks

2. Use the web wisely

3. Avoid online annoyances

4. Protect your identity

5. Avoiding viruses/hackers

6. Diagnosing the problem

7. Using web efficiently

8. Avoiding Spam

A _____ uses the internet communications infrastructure to build a secure and private network VPN

Unwanted or junk email is called? Spam

_____ permits two or more people to communicate over the Internet in real time? Instant Message

Mastery is defined as? confidence and excitement about learning new skills

Skype A popular Voice over internet protocol (VoIP) service is?

Which Language was created for the transfer HTTP

Ring Networks use the _____ method to avoid data collisions? Token

_____ is a personal identification chip that is about the size of a grain of rice and implanted under the skin? Vamed/Veramev

The _____ is an organization of musicians performing together from different locations all over the globe? Virtual choir

____ Solicits online input from consumers? Crowd Survey

Analyzing computer systems to gather potential legal evidence is computer _____? Fronsics

_____ refers to the instructions that tell a computer what to do? software

A _____ server tracks who is logging on to the network as well as which services on the network are available to each user? Authethication server

_____ tools enable groups of people to connect and exchange ideas? Social networking

Which is the most commonly used client/server network topology? Star Network

The term computer _____ is used to describe someone who is familiar enough with computers to understand their capabilities and limitaions? Literate

QR stands for? Quick Response

The gap between those who have easy access to the internet and technology and this who do not? Digital divide

A _____ network can contain servers as well as individual computers? Client Server

_____ is out normal sense of the world around us enhanced with digital information? augmentation realityrelality

_____ is the amount of data that can be transmitted across a transmission medium in a certain amount of time? Bandwif

The _____ initiative is rallying the support of the world to identify mathematical genius? next Einstein

Autonomy is defined as? working without continual direction or control

Using the Internet to get small donations from many people to start a business is called? Crowd Funding

Configuring an account to disable itself after a set number of login attempts using invalid passwords is a method of countering a _____? Brute force attack

Sharing products rather than owning them individually is known as? Collaborative consumption

The _____ hopes to stop human rights abuses throughout the world? witness project

The worlds population combined has an estimated _____ hours a year of free time? 1 trillion

A _____ address is the address that external entities use when communicating with your network? IP

Affective computing... developing systems that can_____? Recognize and stimulate human emotions

In a _____ network, each node connected to the network communicates directly with every other node? Peer to Peer

A _____ is an input device that looks like a pen? Stylis

The _____ contains the central electronic components of the computer?
Mother board

Is the abbreviation for the place in the computer where the programs and data the computer is currently using are temporarily stored? The Ram

Sends data between two networksrouter

In binary language, each letter of the alphabet, each number, and each special symbol is made up of a unique combination of eight____? bit

Computer use_____ consisting of Os and Is? Binary language

Is concerned with the design and arrangement of machines and furniture to avoid uncomfortable or unsafe experiences? Ergonomics

Apple's OS X and Microsoft windows are examples of? operating software

A _____ CPU has two processing paths, allowing it to process more than one instruction at a time? Dual Core

A Apple iPad and samsung galaxy tab and a Microsoft surface are examples of_____ computer? Tablet

Which computer port can transmit uncompressed audio and video? HDMI

Which computers supports many simultaneous users and manages large amounts of data? Main frame

What is a system used with touch screen? Capacitive, resistive, surface, acoustic wave system

Flash drives plug into? USB Drive

What optical storage media has the greatest storage capacity? Blu Ray (dual Layer), 50 GB, BDs

A ___ is where a peripheral device can attach to a computer so that data can be exchanged between it and the operating system? port

The number of pixels displayed on the screen is known as? screen resolution

A ___ keeps your computer safe by determining who is trying to access it? Firewall

What are examples of nonvolatile, storage? USB, Hard Disk, DVD, ROM, Tape, Cloud

The main suite of protocols used on the Internet is? TCP/IP

The most common type of monitor is? LCD monitor

Inkjet printers and laser printers are examples of printers? Thermal

A ___ address is a unique number that identifies a computer, server, or device connected to the Internet? IP

Dropbox is an example of? iCloud storage

A _____ enables your computer to connect to other computers or to the internet? network interface

What are ways to avoid injuries when working on computers? Take breaks

Ensure the lighting is adequate

assume proper position

purchase adjustable chair

position your monitor correctly

The "brains" of the computer is? CPU

A _____ address is temporary IP address that is assigned from an available pool of IP addresses? Dynamics

Have tiny hammer like keys that stake the paper through an inked ribbon?

Impact printer

An IP address that does not change and is usually assigned manually by a network administrator is called _____ address? Static

Is a representation of a fact, a figure or an idea and can be a number, a word, a picture, or even recording of sound? Data

When using a spreadsheet, the expression = D8-D17 is called a? Formula

Using applications on smartphones and tablets to buy and sell products is known? Mobile commerce

Web-based application software is software that is stored completely on web server instead of you? Hard drive/computer

___ helps run the computer and coordinates instructions between other software and the hardware devices? System Software

An example of a software suites? Microsoft office, apple, work, apache, open office

The appropriate software to use for creating research papers if? Word processing software

_____software installation copies all the most commonly used files and programs that distribution disc to your computers hard drive? Full Installtion

When checking to see whether a particular name is registered on the internet, your computer accesses a database that is kept on a ___ server?
BNS

___ defines the content in terms of the data that is being described rather than how it is to be displayed? XML

To remove red eye from a digital image, you would use software such as? image editing software/photoshop

A___ is a small program that resides on a server and is designed to be downloaded and run on a client computer? Ad Lid

You can obtain software through_____ in which a vendor hosts the software online over the internet and you don not have to install it? Software as a service

Which protocol is used when sending files as attachments by e-mail?
MIME/Multiply Internet Mail Extension

Unwanted or unelected software included by manufacturers on new computers is called? Bloatware

The main path of the Internet along which data travels the fastest is known as the internet? Internet Back Bone

The two main types of software are system software and_____?
Application software

Strong encryption now requires____ bit keys? 256

In the databases a category of data is called? Field

Is used to perform calculation and numerical analyses? Spread Sheet software

The most common audio compression format is? MP3

_____enables you to decide which features you want to install on the hard drive? A custom installation

Quark Xpress is an example ofDesktop publishing software

Tips for a great presentation? Be careful with color

use bullets

Images

Font size

_____ computing allows you to store data, files, and applications on the web and access and manipulate those files and applications from any device connected to the internet? Cloud

Types of multimedia and entertainment software? Digital video

Drawing

Audio

Video editing

app creation

gaming

education

Blackboard is an example of? Oracle, myself, Microsoft Access

QuickBooks is an example of? Accounting software

Dreamweaver is an example? Web authoring software/web design

EULA stands for End User License Agreement

A ____ version is an application that is still under development? Beta

The processor market for desktop and laptop computers is dominated by Intel

Which performance activities are carried out by the ALU? Arithmetic logic unit

There are _____ levels of cache memory?

_____ predicts that the capacity of a CPU will double every 2 years? Moore's Law

Running the CPU at a faster speed than the manufacturer recommended is called? Over clocking

RAM is an example? Volatile storage

Which is the lightest computer? Tablet? Ultrabook

The audio subsystem consists of the speakers and audio/soundcards

The CPU consists of which two parts? Control unit/Arithmetic unit

The amount of RAM Storage is measured in? Gigabytes

In most current systems _____ is the type of RAM used? DDR3

A video card can deliver output to multiple? monitors

_____ provides high speed information processing by enabling a new set of instructions to start before the previous set is finished? Hyper threading

Running the Disk Cleanup utility is a quick way to clear out? unnecessary files

The speed of a level of cache is impacted by? Proximity to the CPU

_____ is a feature of a CPU that allows it to begin to fetch the next instruction before it has finished executing the current one? Hyper-Threading

Which of the ports are used to connect to a video card? DVI Port, HDMI Ports, Display Port

Optical drives use a _____ to read and write data Laser

When referring to hard drives, access time is measured in? milliseconds

To speed up the display of graphics a _____ is installed on some video card? GPU
CPU

In Dolby Digital 7. 1, the . 1 indicates a? subwoofer speaker

Running the Disk Defragmenter utility will make the _____ work more
_____ Hard Drive
Efficacy

To remove all the changes made to your system, the windows _____ utility returns your computer to the state it was when it came from the factory?
refresh

To securely erase data, the U. S Department of Defense suggest that the data be overwritten 7 times/multiple

_____ automatically duplicates your data and saves it RAID 1

Data _____ ensures that the data contained in a database is accurate and reliable? Data Integrity

_____ breaks down a problem into a series of high-level tasks and continues to break each task into successively more detailed subtasks Top Down Design

The set of specific sequential steps that describes exactly what a computer programs must do to complete the work is called? algorithm

A small Java based program is called? Java Appliit

The keywords used in programming languages that use decisions to redirect the flow of a program are called? controlled structure

If a school keeps two lists one for students registration and one for student financial information both containing name and address information this is an example of data? Redundancy

What provides a visual representation of the patterns of an algorithm? Flow Chart

_____ is a combination of natural language and programming language that is used to document an algorithmPseudo Code

A data_____ is a large scale electronic respority of data that contains and organizes all of an organization data in one placewarehouses

In object oriented programing____ allows a new class to automatically use all the data and methods of its parent classInheritance

An example of a first generation language? machine language

The capability of moving a completed programming solution easily from one type of computer to another is known asportability

Translating an algorithm into a programming language is called? Coding

Before its final commercial release _____ version of software may be offered to certain test sites to interested user free or at reduced cost? Beta

_____ database are the most commonly used electronic databases Relational

_____ is used to ensure that data is organized most efficiently? normalization

nontraditional data such as audio clips, videoclips, pictures, and very large documents are called unstructured data

You would use a _____ to temporarily display records of residents of the city of Boston Filter

A _____ is a way of retrieving information from one or more tables that defines a particular subset of data Query

A display a subset of data from table based on the specified criteria Selected

Data Staging consists of which steps Data

Extraction

In a transaction processing system if the TP's database can be queried and updated while the transaction is taking place is called? real time processing

_____ is the branch of computer science that attempts to create computers that think like humans AI/ Artificial intelligence

Big data analytics is usually associated with _____ services Data warehouse

_____ the ability to have a single device to meet all of our media, internet, entertainment, and telephone needs Digital Convergence

_____ they illustrate the loudness of a sound or the brightness of the colors in an image a given moment in time
Analog/continuous waves

_____ a form of a voice based Internet communication that turns a standard Internet connection into a means to place phone calls, including long distance calls. Uses technology similar to that used in email to transmit your voice data digitally over the internet
VoIP (Voice over Internet Protocol)

_____ some people regard sound quality and reliability issues as VoIP's primary disadvantages when using VoIP at home. There is loss of service if power interrupted
Drawbacks of VoIP

_____ a network of 21 satellites that constantly orbit earth. It uses an antenna to pick up the signals from these satellites and use special software to transform those signals into latitude and longitude
GPS (global positioning system)

_____ the federal communications commission mandated a GPS chip into every cellphone and smartphone to enable this program
Enhanced 911 program

_____ the process of updating your data so your files are the same
Synchronizing/syncing

WIRED: use a micro SD card or a USB cable to directly transfer data

WIRELESS: use a wireless connection to transfer data
Two ways to transfer information between your phone and computer

How does a wired transfer of data work? Almost all phones designed to support USB once connected

How does a wireless transfer of data work? The easiest way is to use a wireless connection to a cloud service. You can synchronize these services to your email.

_____ a technology that lets you send short text messages over cellular network to transmit messages SMS (short message service)

_____ an extension of sms that lets you send messages that include text, sound, images, and video clips to other phones or email addresses Multimedia message service (MMS)

_____ enables you to use your phones cellular network to create a wireless network to create a wireless network to access the internet Tethering

_____ textual information captures digitally so that it can be stored, manipulated and transmitted by electronic devices E-text (electronic text)

_____ devices that can display e-text and have supporting tools, like note taking, bookmarks, and integrated dictionaries E-readers

_____ intergrated dictionaries pull up a definition just by your highlighting a word. helps read foreign works E-reader features

Signals such as sound and temperature, which continuously vary in strength and quality are said to be Analog

1st generation_____ consisted of extruded plastic printing, melting plastic down and then pushing it into a mold to shape it3-D printers

_____ the use of a single unifying device that handles media, Internet entertainment and telephone needsDigital Convergence

_____ chip converts sound waves from a voice into digital signalsAnalog to digital

_____ the number of times that an analog wave is measured each second in an analog to digital conversionSampling rate

_____ devices that communicate with each other with a single topNFC (Near field communications)

_____ allows only limited use of media that have been legally purchasedDRM (digital rights management)

_____ a term used to refer to various licensing plans that enable copyright holders to grant certain rights to the work while retaining other rightsCopy Left

_____ a rule that squeezes the same audio and video information into less spaceCodect

When using a cell phone, a base transceiver station picks up a request for service and then passes the request to a central location called? Mobile switching center

it has low to free cost, portability, make calls on a laptop or tablet, through a hotspot or network
Advantages of VoIP

_____ helps to ensure data integrity by maintaining information in only one place
Data centralization

_____ a programming language that can be used to create a wide range of windows applications
Visual Basic

uses relational algebra to extract records from a database by using english like expressions that have variables and operation
SQL

The process that converts program code into machine language?

Compilation

The internet is? A large network of networks

The concepts of the internet was developed by the U. S Department of Defense as a network that _____ in event of an attack? would not be disrupted easily

The world wide web was based on a protocol developed by? Tim berners-lee

The " fathers of the Internet" are Vinton Cerf and? robert Kahn

Software that enables you to display and interact with text and other media on the web is a web _____? Browser

The Web is based on the _____ protocol? Hypertext transfer

All of the following are tips for professional email etiquette except? Use abbreviation such as BRB to keep the email message shorter

Which of the following is not a proprietary instant messaging (IM) service)LinkedIn messenger

___ allows visitors to add, remove, to edit its content? Wiki

Which of the following are personal video journal entires posted on the web? Blogs

___ is a personal journal posted on the webBlog

Podcasts enable you to? deliver audio/video files via RSS

___ is usually a live broadcast of audio or video contentWebcast

Multimedia is anything that involves one or more of the following except? browsers

___media are continuously fed to your browser so you don't have to wait for the entire file to completely download before listening to or watch itStreaming

All of the following are types of e-commerce business exceptC2B

A subset of e-commerce that uses social networks to assist in marketing and purchasing in marketing and purchasing products is known associal commerce

Which of the following is NOT a precaution to take when shopping online? Pay with a debit card, not a credit card

The "s" in https stands for _____ socket layer secure

The browser feature which allows tabs to work independently from one another so if one crashes, the others may continue to work is known as tab isolation

The unique address for a particular website is the URL

The URL the portion labeled .com is the top level domain

In the URL the portion labeled /surface is the subdirectory

in the URL labeled http is the protocol

which of the following domains identifies a degrees granting institution. edu

Which of the following is a feature of Live bookmarks? adds RSS technology to bookmarks

AND, OR, and NOT are examples of _____ operators Boolean

The two major types software programs are utility programs and the operating system

The _____ of the operating enables users to communicate with the computer system? User interface

OS x is the operating system developed by? Apple

All of the following are examples of network operating systems except? MS-DOS

Which of the following capabilities of UNIX is false? It is only for super computers

Most supercomputers use the _____ operating system? Linux

Which of the following operating system are used on most tablets? Android and iOS

Most smartphones use operating systems developed by? Google and Apple

Which of the following is a proprietary OS for desktop and laptop computers? Windows

Windows 10 uses _____ account for easy access and storage of online files OneDrive

The Mac OS was the first commercially available OS to incorporate point and click technology

Which of the following is NOT a user interface? application programming interface (API)

Using hard disk space to temporarily store data or instructions from RAM is referred to as the virtual memory

Each device attached to your computer has a special program called a(n) _____ that enables the device and operating system to communicate with each other device driver

Which of the following is the first step in the boot process? The BIOS is activated by turning on the computer

The basic input/output system (BIOS) is stored on a _____ chipROM

All of the following are terms related to part of the boot process EXCEPT USB

In the late 1980s, computer specialists were concerned that proprietary software had too many _____, so they started working on open source projects. bugs

C: denotes a(n) _____ directory that is at the top of the filing structure of a computer. root

All of the following can be used in an OS X file name EXCEPT:

The location of a file is specified by its file path

Which of the following is the name of a Microsoft Excel file? Inventory. xlsx

Deleted files on a Mac computer are moved to the trash

Which of the following Windows utility programs arranges pieces of files on your hard drive to allow for faster access? Disk Defragmenter

Which of the following is NOT a Windows utility program? Desktop

You can use the Windows _____ to check on a nonresponsive program. Task Manager

The _____ utility automatically creates duplicates of your libraries, desktops, contacts and favorites to another storage location. File History

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