

Compare human brain and the computer



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Over the past years we have seen how computers are becoming more and more advance, challenging the abilities of the human brain. We have seen computers doing complex assignments like launching of a rocket or analysis from outer space. But the human brain is responsible for, thought, feelings, creativity, and other qualities that make us humans. So the brain has to be more complex and more complete than any computer. Besides if the brain created the computer, the computer cannot be better than the brain.

There are many differences between the human brain and the computer, for example, the capacity to learn new things. Even the most advance computer can never learn like a human does. While we might be able to install new information onto a computer it can never learn new material by itself. Also computers are limited to what they “ learn”, depending on the memory left or space in the hard disk not like the human brain which is constantly learning everyday.

Computers can neither make judgments on what they are “ learning” or disagree with the new material. They must accept into their memory what it’s being programmed onto them. Besides everything that is found in a computer is based on what the human brain has acquired though experience. Another difference between the human brain and the computer is, the creativity of the human brain. For instance humans can create art, act in plays, or write stories and songs but computers can only help us in these activities not come up with them.

While computers can help us solve math problems and find answers to certain questions it can never think of new solutions until they have been

programmed into them. Furthermore computers cannot create new games or produce anything they desire like humans. In fact, the human brain is the one who comes up with new ideas or theories not taught before. But in a computer, everything that is there has been taught out by the human brain. Although the computer brain and the human brain have many differences they also have a couple similarities.

Both can increase their memory storage capacity. Computer memory grows by adding computer chips. Memories in the brain grow by stronger synaptic connections. Both computers and brain have repair and “ backup” systems. The brain has “ built-in back up systems” in some cases. If one pathway in the brain is damaged, there is often another pathway that will take over this function of the damaged pathway. Both can degrade. Computers break down and brain cells deteriorate. Like all machinery, computers break down with time.

Brains also deteriorate with age, losing their functions and slowing down because of lower counts of chemicals and hormones. Both are used for storage of information, to process information and to run tasks. In terms of the functions, both are used for mathematical calculations, carrying out complex algorithms and to storing of crucial information. Counting all the similarities and differences of the brain and the computer brain, you would now see that the computer and the brain do have some things in common, but in many more ways they are actually more different than they are similar.