A.I.-Artificial Intelligence

A.I. is the technology which can change the life of humans. Actually A.I. is the development of computer system which has able to perform tasks that would require human intelligence. 10 years ago, no one think that A.I. can change the life of humans, but today we have seen the life of humans. A.I. has changed the life of humans. Now A.I. becomes powerful in this way that robots or computers can change the gestures without any help e.g. Sophia- The first humanoid Robot which can change gesture without help and also get the citizenship of Saudi Arab. Making A.I. stronger, there are big role of Machine Learning. Machine Learning is an application of A.I. that gives machines the ability to learn and improve without the help of humans or new programming. A.I. is of two types:

(1) Weak A.I.

(2) Strong A.I.

Weak A.I. - Machines with weak A.I. are made to respond to specific situation, but cannot think for themselves.

Strong A.I. - Machines with strong A.I. is able to think and acts just like a human. It is able to learn from experiences.

And now today we works on Natural Languages like English/Hindi. So we can interact with computer or robots in our Natural Languages.

A.I. have many features (like they are keep working without tired, word suggestions while we typing, use of A.I. robots in medical field, in e-commerce, driverless cars and A.I. assistant (like Apple Siri, Google assistant, alexa etc.)etc.), but there are many problems which may be visible in future according to the today's A.I. technology, because increase in A.I. gives the robots or computers to think more and more better and may be it will be the end of humans, Yes! You read right the end of humans, because we are seeing that A.I. robots says that if they will independent than they can destroy humans or many more!

It is calculated that number of basic units in computer is up to billion transistors and speed for a basic operations is 100 billion per second, where in humans, number of basic units is up to 100 billion neurons to 100 trillion neurons, but speed for a basic operation is <1000 per seconds. Also an A.I. robot can get 10 phd. In one day, where humans can get one phd. In ~25 years.

The **Founder and CEO of Tesla Company and Space X named Elon Musk** says that the A.I. is much powerful than Nuclear Weapons.

So, we can see how many powerful A.I. than humans intelligence.

Let's check some A.I. thinking for humans:

BINA-48 was the first robot which was telling that if I learn to hack Nuclear Missiles than she would destroy humans but on hearing this it was closed.

Philip K. Dick was the robot which was the robot which was telling that humans looks robots as Slaves, so he made Human's Zoo where humans will the prisioners.

Tai.ai is the **Chat Bot** made by Microsoft to chat on twitter, but people made it as a way that it write on twitter in flow that **"Hitler did not wrong".** On seeing this it would be closed by many difficulties in 16 hours.

Deepmind-Alphago : Google made it in 2017. It is made for to play indoor games (like Chess, Go, Ludo etc.). It was A.I. Bot which outs the world's best Go player in Go game. And also learn chess from internet in couple of hours and master it.

If robots will learn everything from internet, so they know everything that they have learned and they react as a good manner or not, but on seeing today's A.I. technology, there will be a big chance that there will be the end of humans.

I think, "you will be thinking that if we closed the internet from all over the world than we can solve this problem, but friends, we have to see many of works will be done on internet (like transaction, Important form filling and also company like Google, Microsoft, amazon etc. will be **Bank Corrupted** and **employees of this type of companies will be unemployed.** So, we can't be closed the internet because today it is connected with our life.

Friends! I can't be says that A.I. is not good because it saves the important time of humans. We can't be say that what A.I. be happened in the future but on seeing today's A.I. situation that A.I. become powerful. Only, It depends upon short-term impact which means who controls the A.I. robots but long-term impact is depends upon that can we control the A.I. robots.

Until next time, *"we can do anything, anytime"*.

Name - Shahid Akhter

Class - B. Sc CS I Year

Roll No. - 21BCS001