

- Also, a classical computer can work like a quantum computer if it satisfies Church Turing Thesis. This however
- The reverse however may not be so easy to accomplish.

Advantages of quantum computers

- (1) Since any interference in determining or measuring the outcome of a superposition will ^{itself} render the superposition ~~void~~ useless ~~in itself~~, & a breach in information is practically impossible. The quantum computers offer an exceptional degree of encryption and reliability.
- (2) Since such a computation does not depend on classical ~~algorithm~~ algorithms, the speed with which a quantum computer can work is enormously high, sometimes called as quantum leap.
- (3) A no. of tasks can be simultaneously placed and performed in quantum computers, unlike classical ones.

Quantum computers and mechanism is still need more research to be done over and once they start working, will revolutionise the entire world.
