NOTES FOR TC AND SC

1)TC=Time Complexity

2)SC=Space Complexity

=>Lots of people used to think Time Complexity means time taken by my machine to Execute the code.

-The Answer is no…sir❌

=>Let’s consider this with a example

-There are two friends one is Shiva and another is mahesh

-Shiva has Latest Laptop which was recently launched in the market.

-Where as Mahesh has a 15 years old laptop.

-Shiva Laptop is so smooth and code run’s were easily.

-Mahesh Laptop code run’s were slowly and takes a lot of time to execute.

=>Each laptop's different model has different specifications and we can’t simply tell it's time complexity.

=>**The time complexity of a particular code depends on the given input size, not on the machine used to run the code.**