TypeScript Day-1

**HW Assignment**

1. Find out Greatest number of 3 number use if else statements
2. Find out given number is prime number (take hard coded data time being)
3. Find perfect square from 1 to 100 using while ,for loop
4. Find perfect Cube from 1 to 200 using while ,for loop
5. Find even & odd number from 1 to 500 using while ,for loop
6. Find factorial of given number.
7. Find given number is Armstrong number or not
8. Find Twin prime number in between 1 to 100
9. Find perfect square from 1 to 100 using while ,for loop using function
10. Find factorial of given number using recursive function
11. Create Default parameter function of handloom shop which by default has 10% discount on each item, also they offer total 20%discount during sale on MRP price. Display the discount price & Total selling price
12. Calculate addition ,subtraction ,division of two number using function constructor. Each operation has different function and display the result in console hint: init values in constructor
13. Count the character is in uppercase within the string For E.g. str="sUmiT" output will be Count=2
14. Write a program to check whether a year is leap year or not. Use year as number Format.
15. Write a program to find power of any number x ^y.
16. Write a program to give Current system Date & time. Also Display only date, only day, only full year, only hours, only time, only minutes, only seconds.
17. Find the Sum of all Digits. e.g num=1234 & output will be 10
18. Count The Spaces from Given String. E.g str="Renuka group P VT LTD " output will be count=4