**arithmetic**

Program:

#input salary find 5%gst

sal = int(input("Enter salary"))

gst = sal\*5

print("Gst Amount=",gst)

input a number find square and cube

input three number find its sum and average

input a number find 100s , 10's, 1's

**condition**

input a number find divisible or not

input two number find largest

input salary find gst [if salary <20K - 3%, salary>20K - 5%]

input three numbers find largest

input a number find armstrong or not

**loop**

input a number find its factorial

input a number find factors

input n value find 1+2+3+....n

input a, b find apower b

input a number print the multiple table

perfect or not

**nested loop**

input a number find 1!+2!+3!+4!+.......

input a number find 1^1+2^2+....n^n

pattern 1,2,3,4,5,6

**arrays**

input 5 nuber find sum

input five numbers find searching of array

input 5 number find sort

input 5 number find largest of number

**2D array**

input 2x2 matrix print the matrix

input 4x4 matrix print the sum of diagonal values

input 3x3 matrix print upper triangle matrix

input 4x4 matrix print the even numbers only

input a number find its factorial

input a number find factors

**without function**

finput a number find its factorial

input a number find factors

input a number find divisible or not

input two number find largest

input a number find 1!+2!+3!+4!+.......

pattern 1

**with return**

finput a number find its factorial

Input salary find 3% gst

Input a,b find a^b

input a number find the sum of factors

**without params**

input a number find its factorial

input a number find factors

input a number find divisible or not

input two number find largest

input a number find 1!+2!+3!+4!+.......

pattern 1,2,3..

**with params**

add 2nos

input a number fints its factors

input 3 number find largest

**overloading**

A.m 2 QUestions

Condition 2 Question

Loop 2 Questions[while,for]

Nested loop 2 Questions[while,for]

Nested if 2 questions

**classes and object**

A.m 2 QUestions

Condition 2 Question

Loop 2 Questions[while,for]

Nested loop 2 Questions[while,for]

Nested if 2 questions

**inheritance**

A.m 2 QUestions

Condition 2 Question

Loop 2 Questions[while,for]

Nested loop 2 Questions[while,for]

Nested if 2 questions

**constructor**

A.m 2 QUestions

Condition 2 Question

Loop 2 Questions[while,for]

Nested loop 2 Questions[while,for]

Nested if 2 questions