

## **Practice Questions**

- Write a program to do following Operations on three numbers(Take input from command line for numbers)
  - Additions
  - Substraction
  - Multiplication
  - Floor division
  - Moduls
  - Division
- Write a program to find  $(a+b)^2$ ,  $(a-b)^2$ ,  $a^2 - b^2$ .
- Take interger input, find the last digit in that integer.
- Take string input from command line and do following operations on that string
  - find length of string.
  - print 1<sup>st</sup> character of string.
  - print last three character of string.
  - print first three character of string.
- Take string input from command line.
  - Ask user to give input of indexvalue and print the character in that index value.
  - Ask user to give two input indexvalues and print string between that index values.
  - Take 2 inputs from user and concatenate the them
  - Take one input as string and another as integer and multiply integer and string.
- Operator precedence
  - Guess Ouput before executing program and check whether your guess matchs with output.
    - $4+5*8+10$
    - $5**8+10+32$
    - $5*9 + 5/2 + 9$
    - $10/5*2$
    - $10*5/2$
    - $10\%2*5$
    - $10*2\%5$
- Take user input and apply comparision operators.