

Assignment 1 [input statement and operators]

1. Write a python program to input two numbers and do all basic arithmetic operations on them.
2. Write a python program to input two number and swap their values without using any third variable.
3. Write a python program to input the temperature in Fahrenheit and change it to Celsius.
4. Write a python program to input the basic salary of a person and compute its TA (20% of basic), DA (120% of basic), HRA (30% of basic), Gross (basic + ta + da + hra).
5. Write a python program to swap three variables.
6. Write a python program to evaluate the expression
 $4x^4 + 3y^3 - 9z + 6$
7. Write a python program to take a input in uppercase and change it to lower case
8. Write a python program to input the radius of a circle and print its area and perimeter.
9. Write a python program to input marks in 5 subjects of a student and print its average mark.
10. Write a python program to input a number and print its square, cube and fourth power.
11. Write a python program to input a the sides of a triangle and print its area.
12. Write a python program to compute SI and CI.
13. Ask the user to enter a number x. Use the sep optional argument to print out x, 2x, 3x, 4x, and 5x, each separated by three dashes, like below.

Enter a number: 7

7---14---21---28---35