

### Session-I Assignments

1. Check the python version installed on your system through commandline.
2. WAP to print the ASCII value of a character. [Hint : ord() function]
3. WAP to find difference of two small integers (not greater than 10) without using minus (-) operator. [Hint : Use ^ operator]
4. WAP to multiply a given number by 2 without using \* (multiply operator).
5. WAP to calculate and display the interest on a loan amount(Rupees).  
You would need three variables to hold 'principal', Rate\_of\_interest' (%) and 'time' in years and can use the formula  
$$\text{Interest} = (\text{principal} * \text{rate\_of\_interest} * \text{time}) / 100$$
  
Note :Take user input
6. Write a Python program which accepts the radius of a circle from the user and compute the area.
7. Write a Python program that accepts an integer (n) and computes the value of  $n + nn + nnn$
8. Take a 5 digit number as input and reverse it without using loop
9. Two numbers are input through the keyboard into two locations C and D. Write a program to interchange the contents of C and D.
10. If a four-digit number is input through the keyboard, write a program to obtain the sum of the first and last digit of this number.
11. In a town, the percentage of men is 52. The percentage of total literacy is 48. If total percentage of literate men is 35 of the total population, write a program to find the total number of illiterate men and women if the population of the town is 80,000.
12. A cashier has currency notes of denominations 10, 50 and 100. If the amount to be withdrawn is input through the keyboard in hundreds, find the total number of currency notes of each denomination the cashier will have to give to the withdrawer.