

**20MCA131 PROGRAMMING LAB**  
**LAB CYCLE 1**

1. Write a program that prompts the user to enter his first name and last name and then displays a message "Greetings!!! First name Last name".
2. Write a program to demonstrate different number data types in python?
3. Write a program to calculate the area of a circle by reading inputs from the user.
4. Write a program to calculate the salary of an employee given his basic pay (to be entered by the user) . HRA = 10 percent of the basic pay, TA = 5 percent of the basic pay.
5. Write a Python program to perform arithmetic operations on two integer numbers.
6. Write a Python program to get a string which is n (non-negative integer) copies of a given string.
7. Program to accept an integer n and compute n+nn+nnn.  
  
[Hint : n = 5, then compute 5 + 55 + 555]
8. Find biggest of 3 numbers entered.
9. Program to determine whether a year is a leap year or not.
10. Write a Python program to determine the rate of entry-ticket in a trade fair based on age as follows:

Age	Rate
<10	7
>=10 and <60	10
>= 60	5

11. Write a Python program to solve a quadratic equation.