

<b>Title</b>	<b>Python Programming Lab</b>
<b>Code</b>	<b>18MCA406L</b>
<b>Hrs / Week</b>	<b>02</b>
<b>Credits</b>	<b>01</b>

**List of Experiments:**

1. Write python programs to perform following tasks:
  - a. Find 2<sup>nd</sup> largest number among five numbers using if-else
  - b. Find 2<sup>nd</sup> smallest number among five numbers
2. Write python programs to perform following tasks:
  - a. Find given number is prime or not
  - b. Print alternate even number from 1 to n
3. Write python programs to perform following tasks:
  - a. Find given number is palindrome or not
  - b. Print multiplication tables from 2 to given number
4. Write a python program to find mean, mode and standard deviation of n numbers using list
5. Write a python program to find given number is exist or not in the list, if exists print all its places and repeat until you enter exit
6. Write python programs to perform following tasks:
  - a. Return sum of n numbers from a function using list
  - b. Return 4<sup>th</sup> largest and 3<sup>rd</sup> smallest numbers from a function using list
7. Write a python program to manipulate student(sno, sname, class, marks) details such as add, delete and find using dictionary and lists
8. Write python programs to perform following tasks:
  - a. Return student details from a function using list and sno as parameter
  - b. Return all students who got less than 400 marks using functions
  - c. Return all student who belong to class 8 using functions
9. Write a python program to manipulate employee details such as add, delete and find using classes and objects
10. Write a python program to read and write student details from and to a file using IO
11. Write a python program to read content from student.csv file and find total number of students, maximum and minimum marks
12. Write a python program to read content from house\_prices.json(area, city, price) file and perform following tasks:
  - a. Print all details in tabular format
  - b. Print all details where price is less than 20 lacks
  - c. Print all details where area is more than 3000 sqr feets
  - d. Print all details where city is Bangalore or Mysore