

**Python Lab Exercise scheduled for 10-04-2025.**

**Environment (idle,vs-code, Jupyter Notebook)**

**Import a folder : registration\_number and save the programs**

1. Write a program that takes two numbers and an operator (+, -, \*, /) and prints the result.
2. Check Even or Odd: Use the modulo operator to check if a number is even or odd.
3. Write a program to show the use of shift operators.
4. Find the Largest of Three Numbers: Use if-elif-else to determine the largest among three inputs.
5. Write a program to create a list and print all its elements. Also find the length of list using len() function.
6. Write a program to append an element to a list.
7. Write a program to remove a specific element from a list.
8. Write a program to sort a list in ascending and descending order.
9. Write a program to reverse a list using a built-in function .
10. Write a program to find the maximum and minimum values in a list.
11. Write a program to concatenate two lists into one.
12. Write a program to remove all elements from a list (i.e., clear the list).
13. Write a program to copy one list to another in Python.
14. Write a program to remove a specific element from a list.
15. Write a program to insert an element at a specific position in a list.