Assignment-1

1. Print numbers from 1 to 10.
2. Print even numbers from 1 to 20.
3. Check if a number is positive, negative or zero.
4. Add two numbers using operators.
5. Print multiplication table of a number.
6. Find the largest among two numbers.
7. Use a while loop to print numbers 5 to 1.
8. Print all characters in a string.
9. Use logical operator to check if a number is between 10 and 50.
10. Sum of first 10 natural numbers.
11. Print "Odd" or "Even" for numbers 1 to 10.
12. Use "break" to stop loop when number is 5.
13. Print 1 to 10 and use continue to skip printing 5.
14. Print all elements in a list using a loop.
15. Check if a number is divisible by both 3 and 5.
16. Square of all numbers from 1 to 5.
17. Print ASCII values of characters in a string.
18. Count down from 10 to 1 using while.
19. Check if a number is divisible by 2 or 3.
20. Print sum of digits of a number.
21. Swap two numbers using a temporary variable.
22. Print numbers from 1 to 100 that are divisible by 7.
23. Find the factorial of a number.
24. Count vowels in a string.
25. Reverse a number using loop.

26. Find the maximum in a list using loop.

27. Prime number check using loop.

28. Sum of even numbers in a list.

29. Print number pattern using nested loops.

30. Count frequency of digits in a number.

31. GCD of two numbers using loop.

32. Check if a number is a palindrome.

33. Count words in a sentence.

34. Find common elements in two lists.

35. Use elif to grade students based on score.

36. Print a right-angled triangle using *.

37. Check if a year is a leap year.

38. Print Fibonacci series using loop.

39. Count uppercase and lowercase letters in a string.

40. Print numbers from 100 to 1 using loop.