Loop Assignment Question

1. Print the numbers from 1 to 10 using a for loop.

2. Print the even numbers from 1 to 20 using a while loop.

3. Calculate and print the sum of numbers from 1 to 100 using a for loop.

4. Print a multiplication table for a given number using a for loop.

5. Print the Fibonacci series up to a given number using a while loop.

6. Print the reverse of a given string using a for loop.

7. Calculate and print the factorial of a given number using a while loop. 8.

Print the ASCII value of each character in a given string using a for loop. 9.

Calculate and print the average of a list of numbers using a for loop.

10. Check if a given number is prime using a while loop.

11. Print the first 10 terms of the geometric sequence with a common ratio of 2 using a for loop.

12. Generate and print a random number between 1 and 10 using a while

loop. 13. Print the square of each number from 1 to 10 using a for loop.

14. Count and print the number of vowels in a given string using a for

loop. 15. Print the factors of a given number using a while loop.

16. Calculate and print the sum of the digits of a given number using a for

loop. 17. Print a pattern of numbers from 1 to 5 using nested loops.

18. Print the uppercase letters of the alphabet using a for loop.

19. Print the lowercase letters of the alphabet in reverse order using a while

loop. 20. Print the calendar of a given month using nested loops.

21. Generate and print the first 10 prime numbers using a for loop.

22. Print the elements of a list in reverse order using a while loop.

23. Calculate and print the power of a given number using a for loop.

24. Check if a given string is a palindrome using a while loop.

25. Print a pattern of asterisks in the shape of a pyramid using nested loops.

26. Find and print the maximum element in a list using a for loop.

27. Calculate and print the factorial of each number from 1 to 10 using a for loop.

28. Check if a given number is Armstrong using a while loop.

29. Print the prime factors of a given number using a for loop.

30. Calculate and print the sum of all even numbers between 1 and 50 using a while loop.

31. Print the multiplication table of each number from 1 to 5 using nested loops. 32. Print

the number of characters in each word of a given sentence using nested loops. 33.

Check if a given string is a pangram using a for loop.

34. Print the common elements between two lists using a for loop.

35. Calculate and print the sum of the digits of each number from 1 to 10 using a for

loop. 36. Print the odd numbers in reverse order from 20 to 1 using a while loop. 37.

Check if a given number is a perfect number using a for loop.

38. Generate and print a multiplication table for numbers 1 to 10 using nested loops. 39.

Print the uppercase and lowercase letters of the alphabet alternately using nested loops.

40. Calculate and print the GCD (Greatest Common Divisor) of two numbers using a while loop.

41. Print a pattern of alphabets from A to E using nested loops.

42. Find and print the minimum element in a list using a for loop.

43. Calculate and print the sum of all odd numbers between 1 and 50 using a for loop.

44. Check if a given string is a palindrome ignoring spaces and case sensitivity using a while loop.

45. Print the numbers from 1 to 10 in reverse order using a for loop.
46. Calculate and print the LCM (Least Common Multiple) of two numbers using a while loop.

47. Print the prime numbers between 1 and 100 using a for loop.

48. Check if a given number is a perfect square using a while loop.

49. Print the elements of a nested list using nested loops.

50. Calculate and print the sum of all digits in a given sentence using a for loop.