1. Write a program that prints the numbers from 1 to 100 using a loop.
2. Create a loop that prints the sum of all even numbers from 1 to 50.
3. Write a loop that prints the multiplication table of a given number.
4. Implement a program that calculates the factorial of a number using a loop.
5. Write a loop that prints the Fibonacci sequence up to a given number of terms.
6. Create a loop that prints the reverse of a given string.
7. Write a program that counts the number of vowels in a given string using a loop.
8. Implement a loop that prints all the prime numbers between 1 and 100.
9. Write a loop that prints the first n odd numbers.
10. Create a loop that calculates the sum of the digits of a given number.
11. Write a program that prints a pyramid pattern with a given number of levels.
12. Implement a loop that prints a given string in uppercase.
13. Write a loop that prints a right-angled triangle pattern using asterisks.
14. Create a loop that calculates the sum of the first n natural numbers.
15. Write a program that prints the first n terms of the harmonic series.
16. Implement a loop that finds the greatest common divisor (GCD) of two numbers.
17. Write a loop that prints all the Armstrong numbers between 1 and 1000.
18. Create a loop that prints a diamond pattern using asterisks.
19. Write a program that calculates the power of a number using a loop.
20. Implement a loop that prints the sum of squares of the first n natural numbers.
21. Write a loop that prints the cube of each number from 1 to 10.
22. Create a loop that prints all the numbers from 1 to 100 that are divisible by a given number.
23. Write a program that checks if a given number is a palindrome using a loop.
24. Implement a loop that finds the least common multiple (LCM) of two numbers.
25. Write a loop that prints the binary representation of a given number.
26. Create a loop that counts the number of words in a given sentence.
27. Write a program that prints the first n terms of the geometric progression.
28. Implement a loop that calculates the product of the digits of a given number.
29. Write a loop that prints a hollow square pattern using asterisks.
30. Create a loop that prints all the numbers from 1 to 100 that are not divisible by a given number.
31. Write a program that prints a given string in reverse order.
32. Implement a loop that prints the sum of the first n terms of an arithmetic progression.
33. Write a loop that finds the smallest digit in a given number.
34. Create a loop that prints the sum of the first n even numbers.
35. Write a program that prints the first n terms of the Fibonacci series starting from two given numbers.
36. Implement a loop that prints a hollow triangle pattern using asterisks.
37. Write a loop that counts the number of consonants in a given string.
38. Create a loop that prints the sum of the first n odd numbers.
39. Write a program that prints the factorial of each number from 1 to n.
40. Implement a loop that finds the largest digit in a given number.
41. Write a loop that prints a mirrored right-angled triangle pattern using asterisks.

42. Create a loop that prints the first n terms of the exponential series.
43. Write a program that prints all the numbers from 1 to 100 that are both even and divisible by 3.
44. Implement a loop that prints the sum of the digits of each number from 1 to n.
45. Write a loop that prints a diamond pattern using numbers.
46. Create a loop that prints the first n terms of the square numbers series.
47. Write a program that checks if a given string is a palindrome using a loop.
48. Implement a loop that prints the first n terms of the cube numbers series.
49. Write a loop that prints the sum of the digits of each number from 1 to 100.
50. Create a loop that prints the first n prime numbers.