WHILE LOOP

1. Write a C program that calculates the product of numbers from 1 to 5 using a while loop.
2. Write a C program that prompts the user to enter a positive integer. It then calculates and prints the factorial of that number using a while loop.
3. Write a C program to find and print the first 10 Fibonacci numbers using a while loop.
4. Write a C program that implements a program to check if a given number is a palindrome using a while loop.
5. Write a C program that prompts the user to enter a positive integer. Use a while loop to print the multiplication table for that number up to 10.

DO WHILE LOOP

1. Write a C program to print numbers from 1 to 10 and 10 to 1 using a do-while loop.
2. Write a C program that calculates the sum of even and odd numbers from 1 to 50 using do-while loops.
3. Write a C program that prompts the user to enter a series of numbers until they input a negative number. Calculate and print the sum of all entered numbers using a do-while loop.
4. Write a C program that calculates and prints the sum of prime numbers up to a specified limit (e.g., 50) using a do-while loop.
5. Write a C program to reverse a given number using a do-while loop.