Lab 2 - Flow Control

1. Write a C Program to check whether a number is even or odd
   sample output:

   > Enter an integer: -7
   > -7 is odd.

2. Write a C Program to Find Factorial of a Number
   sample output:

   > Enter an integer: 10
   > Factorial of 10 = 3628800

3. Write a C Program to Generate Multiplication Table
   sample output:

   > Enter an integer: 9
   > 9 * 1 = 9
   > 9 * 2 = 18
   > 9 * 3 = 27
   > 9 * 4 = 36
   > 9 * 5 = 45
   > 9 * 6 = 54
   > 9 * 7 = 63
   > 9 * 8 = 72
   > 9 * 9 = 81
   > 9 * 10 = 90

4. Write a C Program to Display Fibonacci Sequence
   sample output:

   > The Fibonacci sequence: 0, 1, 1, 2, 3, 5, 8, 13, 21

5. Write a C Program to Find GCD of two Numbers
   sample output:

   > Enter two positive integers: 81
   > 153
   > GCD = 9

6. Write a C Program to Find LCM of two Numbers
   sample output:

   > Enter two positive integers: 72
   > 120
   > The LCM of 72 and 120 is 360.

7. Write a C Program to Make a Simple Calculator

   sample output:

   ```
   Enter an operator (+, -, *, /): *
   Enter two operands: 1.5
   4.5
   1.5 * 4.5 = 6.8
   ```

2 / 2