Some Basic and Analytical examples to practice,

1) **Swap 2 inputs**

   Get 2 inputs using 2 textboxes
   Click Swap button and 2 values should interchange.

   Value 1   5

   Value 2   10

   SWAP

2) **Check if a Number is odd or even**

   Try using both if … else … conditional statement & Ternary operator

   Enter a Number   5   **CHECK**

   The entered number is **ODD**

3) **Find the Factorial of a Number.**
   Use if … else

   Factorial of a number is the product of all the numbers from 1 to that number

   <u>Ex:</u> factorial of 5 is equal to 1 * 2 * 3 * 4 * 5 = 120

   Enter a Number   5   **CHECK**

   Factorial of **5** is **120**

4) **Print All Prime Numbers in an Interval.**
   Use for loop and if … else

   Prime number is a positive integer that is only divisible by 1 and itself.

   Example: 2, 3, 5, 7, 11 are the prime numbers. 4 is not a prime number because it is divisible by 1, 2 and 4 itself. It is a composite number

Enter staring Number	2
Enter Ending Number	10

CHECK

Prime number between 2 and 10 are:

2, 3, 5, 7

5) **Find the Greatest Among Three Numbers.**
   Use if … else … condition

Enter Number 1	35
Enter Number 2	36
Enter Number 3	20

CHECK

Greatest number is: **36**