

**Exercise 1:**

Write a program to swap two numbers using a temporary variable.

**Exercise 2:**

Write a program to find the area of a rectangle using int datatype for length and width.

**Exercise 3:**

Write a program to find the largest of three numbers entered by the user.

**Exercise 4:**

Write a program that checks if a given year is a leap year. A year is a leap year if:

- It is divisible by 4.
- It is not divisible by 100, unless it is also divisible by 400.

**Exercise 5:**

Write a program that checks if a given number is even or odd.

**Exercise 6:**

Write a program that sums up all numbers from 1 to n where n is provided by the user.

**Exercise 7:**

Write a program to reverse a number entered by the user (e.g., if the user enters 1234, the output should be 4321).

**Exercise 8:**

Write a program that takes an integer between 1 and 5 from the user and prints the corresponding rating as a message:

- 1: "Very Bad"
- 2: "Bad"
- 3: "Average"
- 4: "Good"
- 5: "Excellent"