

C# Part1 Exercises

1. Even or Odd

Ask the user to enter a number and check whether it is even or odd using an if-else statement.

2. Largest of Three Numbers

Write a program that takes three numbers as input and prints the largest one using if-else.

3. Temperature Converter

Convert a given temperature from Celsius to Fahrenheit using the formula:

$$F=(C\times 9/5)+32$$

4. Simple Discount Calculator

Ask the user to enter the price of an item. If the price is above \$100, apply a 10% discount; otherwise, no discount applies. Print the final price.

5. Grading System

Take a student's score as input and print the corresponding grade:

- 90-100: A
- 80-89: B
- 70-79: C
- 60-69: D
- Below 60: F

6. Swap Two Numbers

Ask the user to enter two numbers and swap them.

7. Days to Weeks and Days Converter

Ask the user to enter a number of days and convert it into weeks and remaining days.

8. Electricity Bill Calculator

Ask the user for the **number of units consumed** and calculate the electricity bill based on these rules:

- Up to **100 units** → **\$0.5 per unit**
- **101-300 units** → **\$0.75 per unit**
- **301+ units** → **\$1 per unit**

9. Simple Calculator

Write a program that takes two numbers and an operator (+, -, *, /) as input and performs the operation.