

C Programming – Switch Case Practice Tasks

1. Calculator Program

Write a program to perform basic arithmetic operations (Addition, Subtraction, Multiplication, Division) using a switch case.

Menu Example:

1. Add
2. Subtract
3. Multiply
4. Divide
5. Exit

Input:

Enter choice: 1

Enter two numbers: 10 5

Output:

Sum = 15

2. Day of the Week

Ask the user to enter a number (1–7), and display the corresponding day of the week using a switch statement.

Input:

Enter number: 3

Output:

Wednesday

3. Month Name Finder

Input a number (1–12) and display the month name.

Input:

Enter month number: 12

Output:

December

4. Grade Evaluation

Input a character grade (A, B, C, D, F) and display the meaning.

Input:

Enter grade: B

Output:

Good

5. Electricity Bill Calculator

Input the number of units consumed and use a switch case to calculate the total bill based on ranges.

1. 0-100 units → ₹5/unit
2. 101-200 units → ₹7/unit
3. 201-500 units → ₹10/unit
4. Above 500 units → ₹15/unit

Input:

Enter units consumed: 150

Output:

Total Bill = ₹1050

6. Vehicle Type Checker

Display vehicle type based on a user's input.

1. Car
2. Bike

3. Bus
4. Truck
5. Cycle

Input:

Enter your choice: 2

Output:

Bike → 2 wheels

7. Mobile Recharge Plan

Display different mobile recharge options and use switch to show details after a user selects a plan.

1. ₹99 – 7 days validity
2. ₹199 – 28 days validity
3. ₹399 – 56 days validity
4. ₹599 – 84 days validity

Input:

Enter plan number: 3

Output:

You selected ₹399 plan – 56 days validity.

8. Movie Ticket Booking

Display seat types and ticket prices. Use switch to print the selected ticket price.

1. Silver – ₹120
2. Gold – ₹200
3. Platinum – ₹300
4. VIP – ₹500

Input:

Enter seat type: 4

Output:

VIP Ticket – ₹500

9. Restaurant Menu

Print a menu and use switch to display the price of the selected food item.

1. Burger – ₹80
2. Pizza – ₹150
3. Pasta – ₹120
4. Sandwich – ₹60

Input:

Enter your order: 2

Output:

You ordered Pizza – ₹150

10. ATM Operations

Display a menu for basic ATM functions. Use switch to perform the selected operation with simple arithmetic (use a variable balance).

1. Check Balance
2. Deposit Money
3. Withdraw Money
4. Exit

Input:

Enter your choice: 2

Enter amount to deposit: 5000

Output:

₹5000 deposited successfully.

Updated Balance = ₹15000