Positive or Negative

Problem:
Write a program to check whether a given number is **positive**, **negative**, or **zero**.

Input:
An integer n

Output:
Print:

- Positive if n > 0

- Negative if n < 0

- Zero if n == 0

Even or Odd

Problem:
Write a program to check whether a given number is **even** or **odd**.

Input:
An integer n

Output:
Print:

- Even

- Odd

Largest of Two Numbers

Problem:
Write a program to find the **largest of two numbers**.

Input:
Two integers a and b

Output:
Print the larger number

Pass or Fail

Problem:
Write a program to check whether a student has **passed or failed**.

Condition:

- Pass if marks ≥ 35

- Fail otherwise

Input:
An integer marks

Output:
Print:

- Pass

- Fail

Largest of Three Numbers

Problem:
Write a program to find the **largest of three numbers**.

Input:
Three integers a, b, and c

Output:
Print the largest number

Leap Year

Problem:
Write a program to check whether a given year is a **leap year**.

Input:
An integer year

Output:
Print:

- Leap Year

- Not a Leap Year

Problem:
Write a program to check whether a person is **eligible to vote**.

Condition:
Age ≥ 18

Input:
An integer age

Output:
Print:

- Eligible to Vote

- Not Eligible

Grade Calculator

Problem:
Write a program to print the **grade** based on marks.

Conditions:

- ≥ 90 → Grade A

- ≥ 75 → Grade B

- ≥ 50 → Grade C

- < 50 → Fail

Input:
An integer marks

Output:
Print the grade

Divisible by 3 and 7

Problem:
Write a program to check whether a number is divisible by **both 3 and 7**.

Input:
An integer n

Output:
Print:

- Divisible by both

- Not divisible by both

Electricity Bill Calculation

Problem:
Write a program to calculate electricity bill based on units consumed.

Conditions:

- First 100 units → ₹1 per unit

- Next 100 units → ₹2 per unit

- Above 200 units → ₹3 per unit

Input:
An integer units

Output:
Print total bill amount

Salary Bonus Calculation

Problem:
Write a program to calculate bonus based on salary and years of service.

Conditions:

- Service ≥ 5 years → 10% bonus

- Service < 5 years → No bonus

Input:
Salary and years of service

Output:
Print bonus amount

Menu-Based Operation

Problem:
Write a program that performs an operation based on user choice.

Choices:
1 → Addition
2 → Subtraction
3 → Multiplication
4 → Division

Input:
Two numbers and a choice

Output:
Print the result of the selected operation

Check Multiple of 10

Problem:
Write a program to check whether a given number is a **multiple of 10**.

Input:
An integer n

Output:
Print:

- Multiple of 10

- Not a multiple of 10

Compare Two Numbers

Problem:
Write a program to compare two numbers.

Input:
Two integers a and b

Output:
Print:

- a is greater

- b is greater

- Both are equal

Check Divisible by 2 or 3

Problem:
Write a program to check whether a number is divisible by **2 or 3**.

Input:
An integer n

Output:
Print:

- Divisible by 2 or 3

- Not divisible by 2 or 3

Check Alphabet Case (Using ASCII)

Problem:
Write a program to check whether a given character is **uppercase or lowercase** using ASCII values.

Input:
A single character ch

Output:
Print:

- Uppercase

- Lowercase

Valid Triangle Type

Problem:
Write a program to determine the type of triangle.

Conditions:

- All sides equal → Equilateral

- Two sides equal → Isosceles

- All sides different → Scalene

Input:
Three integers a, b, c

Output:
Print the triangle type

Simple Calculator Using Conditions

Problem:
Write a program to perform calculation using operator choice.

Choices:
+ , - , * , /

Input:
Two numbers and one operator

Output:
Print the result

Employee Promotion Eligibility

Problem:
Write a program to check promotion eligibility.

Conditions:

- Experience ≥ 3 years

- Performance rating ≥ 4

Input:
Years of experience and rating

Output:
Print:

- Eligible for Promotion

- Not Eligible

Exam Result Classification

Problem:
Write a program to classify result based on marks.

Conditions:

- ≥ 75 → Distinction

- ≥ 60 → First Class

- ≥ 50 → Second Class

- ≥ 35 → Pass

- < 35 → Fail

Input:
An integer marks

Output:
Print result classification

Insurance Premium Calculation

Problem:
Write a program to calculate insurance premium.

Conditions:

- Age < 25 → ₹5000

- Age 25–40 → ₹7000

- Age > 40 → ₹9000

Input:
Age

Output:
Print premium amount

Internet Data Usage Alert

Problem:
Write a program to display data usage message.

Conditions:

- Usage ≤ 50% → Normal Usage

- Usage ≤ 90% → Warning

- Usage > 90% → Limit Exceeded

Input:
Data usage percentage

Output:
Print alert message

Bank Loan Eligibility

Problem:
Write a program to check loan eligibility.

Conditions:

- Salary ≥ 25,000

- Credit score ≥ 700

Input:
Salary and credit score

Output:
Print:

- Loan Approved

- Loan Rejected

Online Order Discount

Problem:
Write a program to calculate discount on purchase.

Conditions:

- Amount ≥ 5000 → 20% discount

- Amount ≥ 3000 → 10% discount

- Below 3000 → No discount

Input:
Purchase amount

Output:
Print final payable amount

Traffic Signal System

Problem:
Write a program to simulate traffic signal behavior.

Conditions:

- Signal = Red → Stop

- Signal = Yellow → Ready

- Signal = Green → Go

Input:
Signal color

Output:
Print action