

Assignment: Conditional Statement (if statement)

1. Check Voting Eligibility

Description:

A person can vote only if their age is **18 or more**. Write a program that checks whether a user is old enough to vote.

Sample Input:

Enter age: 16

Sample Output:

You are not eligible to vote.

2. Check if Temperature is Hot

Description:

If the temperature is above **30°C**, print "**It is hot outside**". Otherwise, do nothing.

Sample Input:

Enter temperature: 35

Sample Output:

It is hot outside.

3. Check if Number is Positive

Description:

Write a program that checks only if a number is positive. If yes, display a message.

Sample Input:

Enter number: 12

Sample Output:

The number is positive.

4. Check if Student Passed the Test

Description:

A student passes if their marks are **40 or more**. Print a message only if they passed.

Sample Input:

Enter marks: 75

Sample Output:

You passed the test!

5. Check Free Delivery Eligibility

Description:

If a customer purchases more than ₹500, they get free delivery.

Sample Input:

Enter total bill: 650

Sample Output:

You get free delivery!



6. Check if Speed Limit is Exceeded

Description:

If a car's speed is more than 80 km/h, show a warning.

Sample Input:

Enter speed: 95

Sample Output:

Warning! You are overspeeding.

7. Check if Water Level is Low

Description:

If the water level in a tank is below **20%**, display "**Refill the tank**".

Sample Input:

Enter water level: 15

Sample Output:

Refill the tank.



8. Check if Battery Needs Charging

Description:

If the mobile battery percentage is below **10%**, show "**Battery low**".

Sample Input:

Battery: 8%

Sample Output:

Battery low.