

1. Take two numbers from user. Find the largest number.
2. Take a number from user. Print if the number is positive/negative/zero.
3. Take 3 numbers from user. Find the minimum number.
4. Take a person's salary from user. Give him 25% increment if his salary is less than 10000. Give 10% increment if his salary is greater than 50000. Otherwise, just provide him a 5000 taka increment. Print his updated salary.
5. Collect a person's age and gender. Print if he/she is eligible for voting or not.
6. Collect a person's age and gender. Print if he/she is eligible for marriage or not.
7. Take an integer number from user. Print if the number is even-positive/ odd-positive / even-negative / odd-negative?
8. Take a student's math marks as input. Calculate his grade.
9. Write a C program to design a simple CALCULATOR.
10. Check if a given year is leap year or not.
11. Take 3 sides of a triangle. Check if the triangle is valid or not.
12. Take 3 angles of a triangle. Check if the triangle is valid or not.
13. Write a C Program to Check Whether a Character is a Vowel or Consonant.
14. Write a C program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies.

Test Data: 7 9

Expected Output:

The coordinate point (7, 9) lies in the First quadrant.

15. Write a C program to check whether a triangle is Equilateral, Isosceles or Scalene.

Test Data:

50 50 60

Expected Output:

This is an isosceles triangle.

16. Write a program in C to calculate and print the Electricity bill of a given customer. The unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as follow :

Unit	Charge/unit
upto 199	@1.20
200 and above but less than 400	@1.50
400 and above but less than 600	@1.80
600 and above	@2.00

If bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Test Data:

800

Expected Output:

Net Amount Paid By the Customer: 1840.00

17. Take a character from keyboard. Check if the character is vowel/consonant/digit/special symbol.

Sample input	output
#	Special symbol
1	digit
x	consonant
E	vowel