CONDITIONAL STATEMENT EXERCISE

1. Write a program to find the maximum between two numbers.

2. Write a program to find the maximum between three numbers.

3. Write a program to check whether a number is negative, positive or zero.

4. Write a program to check whether a number is divisible by 5 and 11 or not.

5. Write a program to check whether a number is even or odd.

6. Write a program to check whether a year is leaping year or not.

7. Write a program to input any alphabet and check whether it is vowel or consonant.

8. Write a program to check whether a character is uppercase or lowercase alphabet.

9. Write a program to input the week number and print weekday.

10. Write a program to input the month number and print the number of days in that month.

11. Write a program to count a minimum number of notes in a given amount.

12. Write a program to input marks of five subjects Physics, Chemistry, Biology, Mathematics, and Computer. Calculate percentage and grade according to the following:
Percentage >= 90% : Grade A
Percentage >= 80% : Grade B
Percentage >= 70% : Grade C
Percentage >= 60% : Grade D
Percentage >= 40% : Grade E
Percentage < 40% : Grade F

13. Write a program to input the basic salary of an employee and calculate its Gross salary according to the following:
Basic Salary <= 10000 : HRA = 20%, DA = 80%
Basic Salary <= 20000 : HRA = 25%, DA = 90%
Basic Salary > 20000 : HRA = 30%, DA = 95%

14. Write a program to input electricity unit charges and calculate total electricity bill according to the given condition:
For the first 50 units Rs. 0.50/unit
For the next 100 units Rs. 0.75/unit
For the next 100 units Rs. 1.20/unit
For units above 250 Rs. 1.50/unit
An additional surcharge of 20% is added to the bill

Submission Link:

https://docs.google.com/forms/d/e/1FAIpQLScQda8rQP2QZzR4WUCExe1rv-JvgYwP9wEpkzruSFzZmDL64Q/viewform?usp=sf_link

Due Date: 29 April 2024

Good Luck😊