Write a C program to input the number of months worked in the previous year and the basic salary from the keyboard and calculate and display the bonus.

The bonus is calculated as following.
less than 6 months, no bonus
6 or more months, bonus = number of months * basic salary

If a employee works 12 months and the basic salary is less than or equal to 45000.00 rupees an additional one month bonus will be given.

Sample Input1

number of months: 3
basic salary : 20000.00
Bonus : 0.00

Sample Input2:

number of months: 12
basic salary : 20000.00
Bonus : 40000.00

Marking Guide

Declaring meaningful variable names - 0.5 mark
Using correct data types for variables - 0.5 mark
Taking keyboard inputs - 0.5 mark

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Write a C program to input the type of customer (If Registered customer – input 1 and if NonRegistered customer – calculate the discount and the final bill.

For Registered Customer:

Bill Amount is less than or equal to Rs. 2000, discount is 15% of the bill amount.

Bill Amount is greater than Rs. 2000, discount is 25% of the bill amount.

For NonRegistered Customer:

Bill Amount is greater than Rs. 3000, discount is 15% of the bill amount.

Sample output 1:

Customer Type: 1

Bill Amount: Rs. 1000

Discount Amount: Rs. 150.00

Final Bill Amount: Rs. 850.00

Sample output 2:

Customer Type: 2

Bill Amount: Rs. 3500

Discount Amount: Rs. 525.00

Final Bill Amount: Rs. 2975.00

Marking Guide

Declaring meaningful variable names - 0.5 mark
Using correct data types for variables - 0.5 mark
Taking keyboard inputs - 0.5 mark
Correct if-else statement - 3 mark
Correct calculation - 3 marks
Display output correctly - 0.5 mark
Formatting of output - 0.5 mark
Coding standards - 0.5 mark
Correct compilation of program - 0.5 mark
Correct execution of the program - 0.5 mark

Question 1

Not yet answered

Marked out of 10.00

⚑ Flag question

Write a C program to input the type of customer (If loyalty customer – input 1 and if NonLoyaly customer – input 2) and the total bill amount to the system and calculate the discount and the final bill.

For Loyalty Customer:

Bill Amount is less than or equal to Rs. 2500, discount is 5% of the bill amount.

Bill Amount is greater than Rs. 2500, discount is 10% of the bill amount.

For NonLoyalty Customer:

Bill Amount is greater than Rs. 5000, discount is 10% of the bill amount.

Sample output 1:

Customer Type: 1
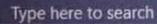
Bill Amount: Rs. 2000

Discount Amount: Rs. 100.00

Final Bill Amount: Rs. 1900.00

Sample output 2:

Customer Type: 2

Write a C program to input the type of customer (If Registered customer – input 1 and if NonRegistered customer – input 2) and the total bill amount to the system and calculate the discount and the final bill.

For Registered Customer:

Bill Amount is less than or equal to Rs. 2000, discount is 15% of the bill amount.

Bill Amount is greater than Rs. 2000, discount is 25% of the bill amount.

For NonRegistered Customer:

Bill Amount is greater than Rs. 3000, discount is 15% of the bill amount.

Sample output 1:

Customer Type: 1

Bill Amount: Rs. 1000

Discount Amount: Rs. 150.00

Final Bill Amount: Rs. 850.00

Sample output 2:

Customer Type: 2

Bill Amount: Rs. 3500

Discount Amount: Rs. 525.00

Final Bill Amount: Rs. 2975.00

Write a C program to input the Book Type'(If Computer Related - 1, Others - 2) and the no of days the book is rented. If the no of days are greater than 14, 10% fine is charged for the rental amount. Your program should display the rental amount.

Rental amount per day is given below:

o Computer Book: Rs. 10.00

o Any other Book: Rs. 8.00

In the end, you have to display as follows:

Sample output 1:

Book Type: 2

Rented days: 10

Rental per day: Rs.8.00

Rental Amount: Rs. 80.00

Sample output 2:

Book Type: 1

Rented days: 15

Rental per day: Rs.10.00

Rental Amount: Rs. 165.00