

QUESTION

A library charges fine for every book returned late. For the first 5 days the fine is 50 paise(0.50 rupee) per day, for 6-10 days fine is one rupee per day and above 10 days fine is 5 rupees per day. If you returned the book after 30 days your membership will be cancelled. Write a C program to accept the number of days the member is late to return the book and display the fine or the appropriate message.

CODE

```
main.c
1  /*****
2
3      Online C Compiler.
4      Code, Compile, Run and Debug C program online.
5      Write your code in this editor and press "Run" button to compile and execute it.
6
7      *****/
8
9  #include <stdio.h>
10 void main()
11 {
12     int days;
13     float fine;
14     printf("enter the number of late days : ");
15     scanf("%d",&days);
16     if(days<=30)
17     {
18         if(days<=30&&days>10)
19             fine=7.5+((days-10)*5);
20         else if(days<=10&&days>5)
21             fine=2.5+((days-5)*1);
22         else if(days<6&&days>0)
23             fine=days*0.5;
24         printf("fine= %.2f\n\n",fine);
25     }
26     else printf("your membership is canceled\n\n");
27 }
```

OUTPUT

```
enter the number of late days : 12
fine= 17.50
```