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C day12_q23.c > ...
1 // Q23: Write a program to calculate library fine based on late days as follows:
2 // First 5 days late: ₹2/day
3 // Next 5 days late: ₹4/day
4 // Next 20 days late: ₹6/day
5 // More than 30 days: Membership Cancelled.
6
7 /*
8 Sample Test Cases:
9 Input 1:
10 4
11 Output 1:
12 Fine ₹8
13
14 Input 2:
15 8
16 Output 2:
17 Fine ₹22
18
19 Input 3:
20 15
21 Output 3:
22 Fine ₹60
23
24 Input 4:
25 31
26 Output 4:
27 Membership Cancelled
28
29 */
30
31 #include <stdio.h>
32
33 int main() {
34     int days;
35     int fine = 0;
36
37     printf("Enter days late: ");
38     scanf("%d", &days);
39
40     if (days > 30) {
41         printf("Membership Cancelled");
42     } else {
43         if (days <= 5) {
44             fine = days * 2;
45         } else if (days <= 10) {
46             fine = 5 * 2 + (days - 5) * 4;
47         } else {
48             fine = 5 * 2 + 5 * 4 + (days - 10) * 6;
49         }
50         printf("Fine = ₹%d", fine);
51     }
52
53     return 0;
54 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q23.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
Enter days late: 4
Fine = ₹8
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q23.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
Enter days late: 8
Fine = ₹22
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q23.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
Enter days late: 31
Membership Cancelled
PS C:\Users\drago\OneDrive\Desktop\C H.W>

```

C day12_q24.c > main()

```
1 // Q24: Write a program to calculate electricity bill based on units consumed with these rates:
2 // First 100 units at ₹5/unit
3 // Next 100 units at ₹7/unit
4 // Next 100 units at ₹10/unit
5 // Above at ₹12/unit
6
7
8 #include <stdio.h>
9
10 int main() {
11     int units;
12     int bill = 0;
13
14     printf("Enter units consumed: ");
15     scanf("%d", &units);
16
17     if (units <= 100) {
18         bill = units * 5;
19     } else if (units <= 200) {
20         bill = 100 * 5 + (units - 100) * 7;
21     } else if (units <= 300) {
22         bill = 100 * 5 + 100 * 7 + (units - 200) * 10;
23     } else {
24         bill = 100 * 5 + 100 * 7 + 100 * 10 + (units - 300) * 12;
25     }
26
27     printf("Electricity bill = Rs%d", bill);
28     return 0;
29 }
30
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q24.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

Enter units consumed: 50

Electricity bill = Rs250

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q24.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

Enter units consumed: 150

Electricity bill = Rs850

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day12_q24.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

Enter units consumed: 250

Electricity bill = Rs1700

PS C:\Users\drago\OneDrive\Desktop\C H.W>