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<b>Started on</b>	Friday, 23 August 2024, 1:35 PM
<b>State</b>	Finished
<b>Completed on</b>	Friday, 23 August 2024, 2:01 PM
<b>Time taken</b>	25 mins 46 secs
<b>Marks</b>	1.00/1.00
<b>Grade</b>	<b>10.00</b> out of 10.00 ( <b>100%</b> )

## Question 1

Correct

Mark 1.00 out of 1.00

Write a program to take value V and we want to make change for V Rs, and we have infinite supply of each of the denominations in Indian currency, i.e., we have infinite supply of { 1, 2, 5, 10, 20, 50, 100, 500, 1000} valued coins/notes, what is the minimum number of coins and/or notes needed to make the change.

Input Format:

Take an integer from stdin.

Output Format:

print the integer which is change of the number.

Example Input :

64

Output:

4

Explanaton:

We need a 50 Rs note and a 10 Rs note and two 2 rupee coins.

**Answer:** (penalty regime: 0 %)

```

1 #include<stdio.h>
2 int main()
3 {
4     int v,count=0;
5     scanf("%d",&v);
6     int a[]={1,2,5,10,20,50,100,500,1000};
7     for(int i=8;i>=0;i--)
8     {
9         if(v-a[i]>0)
10             count++;
11     }
12     printf("%d",count);
13 }
```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

[◀ Problem 5: Finding Complexity using counter method](#)

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[2-G-Cookies Problem ▶](#)