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Started on	Tuesday, 20 August 2024, 2:09 PM
State	Finished
Completed on	Tuesday, 20 August 2024, 2:38 PM
Time taken	28 mins 36 secs
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100%)

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
3 int main(){
4     //int arr[10]={1,2,5,10,20,50,100,500,1000};
5     int n;
6     scanf("%d",&n);
7     int a=0,b=0,c=0,d=0,e=0,f=0,g=0,a1=0,b1=0,c1=0,d1=0,e1=0,h1=0,f1=0,g1=0;
8     a=n/1000;a1=n/1000;
9     b=a%500;b1=a/500;
10    c=b%100;c1=b/100;
11    d=c%50;d1=c/50;
12    e=d%20;e1=d/20;
13    f=e%10;f1=e/10;
14    g=f%5;g1=f/5;
15    h1=g/2;
16    printf("%d",a1+b1+c1+d1+e1+f1+g1+h1);
17
18 }
```

	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

Jump to...



2-G-Cookies Problem ▶