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Started on	Thursday, 22 August 2024, 10:34 AM
State	Finished
Completed on	Thursday, 22 August 2024, 10:43 AM
Time taken	9 mins 25 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  int main(){
3      int c=0,a,arr[]={1000,500,100,50,20,10,5,2,1},i=0;
4      scanf("%d",&a);
5      while(a!=0){
6          if(arr[i]<=a){
7              c++;
8              a-=arr[i];
9          }
10         else
11             i++;
12     }
13     printf("%d",c);
14 }
15

```

	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 ▶