Started on	Tuesday, 27 August 2024, 1:38 PM
State	Finished
Completed on	Tuesday, 27 August 2024, 2:27 PM
Time taken	48 mins 55 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 %)

```
#include<stdio.h>
int main(){
    int n=5;
    scanf("%d",&n);
    int arr[9]={1,2,5,10,20,50,100,500,1(
    int j=8;

    int count=0;
    while(n>0){
        if(arr[j]<=n){
            count = count+(n/arr[j]);
            n=n%arr[j];
            j++;
        }
        j--;
    }
    printf("%d",count);
}
```

	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 ►