

VISAANTH M 2024-ITV2

Started on Wednesday, 20 August 2025, 1:32 PM

State Finished

Completed on Wednesday, 20 August 2025, 1:53 PM

Time taken 21 mins 3 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

Explanation:

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 v;
4     scanf("%d",&v);
5     int currency[]={1000,500,100,50,20,10,5,2,1};
6     int num_currency=sizeof(currency)/sizeof(currency[0]);
7     int count=0;
8     for(int i=0;i<num_currency;i++){
9         int current_denomination=currency[i];
10    while(v>=current_denomination){
11        v-=current_denomination;
12        count++;
13    }
14 }
15 printf("%d\n",count);
16 return 0;
17 }
```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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