

**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

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 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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