



DEVISHREE J 2024-CSE ▾

D2**Started on** Wednesday, 3 September 2025, 8:17 AM**State** Finished**Completed on** Wednesday, 3 September 2025, 8:35 AM**Time taken** 17 mins 58 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 coin[]={1000,500,100,50,20,10,5,2,1};
6      int n=9,count=0;
7      for(int i=0;i<n;i++){
8          while(v>=coin[i]){
9              v-=coin[i];
10             count++;
11         }
12     }
13     printf("%d",count);
14     return 0;
15 }
```

| | Input | Expected | Got | |
|---|-------|----------|-----|---|
| ✓ | 49 | 5 | 5 | ✓ |

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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