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 ▾ {
4       int m,c=0;
5       scanf("%d",&m);
6       int a[9]={1000,500,100,50,20,10,5,2,1};
7       for(int i=0;i<9;)
8 ▾     {
9           if(a[i]<m)
10 ▾         {
11              c++;
12              m=m-a[i];
13          }
14          else
15 ▾         {
16              i++;
17          }
18
19      }
20      printf("%d",c);
21  }
```

	Input	Expected	Got	
✔	49	5	5	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.