

Started on	Friday, 23 August 2024, 1:41 PM
State	Finished
Completed on	Friday, 23 August 2024, 1:54 PM
Time taken	12 mins 29 secs
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100%)

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 d[]={1000,500,100,50,20,10,5,2,1};
6     int count=0;
7     for (int i=0;i<9;i++) {
8         count +=V/d[i];
9         V %=d[i];
10    }
11    printf("%d", count);
12 }
```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.