

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

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

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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