



NEIL DANIEL A 2024-CSE ▾

N2

<b>Started on</b>	Saturday, 30 August 2025, 1:06 PM
<b>State</b>	Finished
<b>Completed on</b>	Saturday, 30 August 2025, 1:07 PM
<b>Time taken</b>	1 min 17 secs
<b>Marks</b>	1.00/1.00
<b>Grade</b>	<b>10.00</b> 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

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
3 int main() {
4     int V;
5     scanf("%d", &V);
6     int coins[] = {1000, 500, 100, 50, 20, 10, 5, 2, 1};
7     int n = sizeof(coins) / sizeof(coins[0]);
8     int count = 0;
9     for (int i = 0; i < n; i++) {
10        if (V >= coins[i]) {
11            count += V / coins[i];
12            V = V % coins[i];
13        }
14    }
15    printf("%d\n", count);
16    return 0;
17 }
18 }
```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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