



Started on	Saturday, 30 August 2025, 1:06 PM
State	Finished
Completed on	Saturday, 30 August 2025, 1:07 PM
Time taken	1 min 17 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
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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