



Started on	Wednesday, 3 September 2025, 1:29 PM
State	Finished
Completed on	Wednesday, 3 September 2025, 1:31 PM
Time taken	2 mins 40 secs
Marks	1.00/1.00
Grade	10.00 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

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
7      int denominations[] = {1000, 500, 100, 50, 20, 10, 5, 2, 1};
8      int count = 0;
9
10     for (int i = 0; i < 9; i++) {
11         if (V >= denominations[i]) {
12             count += V / denominations[i];
13             V = V % denominations[i];
14         }
15     }
16
17     printf("%d\n", count);
18     return 0;
19 }
20
21

```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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