Question 1

Correct

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Question text

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 %)

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Falling back to raw text area.

```c
#include <stdio.h>

int main() {
    int V;
    scanf("%d", &V);

    int denominations[] = {1000, 500, 100, 50, 20, 10, 5, 2, 1};
    int n = sizeof(denominations) / sizeof(denominations[0]);
    int count = 0, i = 0;

    while (V > 0 && i < n) {
        count += V / denominations[i];
        V = V % denominations[i];
        i++;
    }

    printf("%d", count);
    return 0;
```

	Input	Expected	Got	
✔	49	5	5	✔

Passed all tests! ✔