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<b>Started on</b>	Tuesday, 27 August 2024, 1:33 PM
<b>State</b>	Finished
<b>Completed on</b>	Monday, 2 September 2024, 9:53 PM
<b>Time taken</b>	6 days 8 hours
<b>Marks</b>	1.00/1.00
<b>Grade</b>	<b>10.00</b> out of 10.00 ( <b>100%</b> )

## 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  int main(){
3  int a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,x;
4  scanf("%d",&x);
5  a=x/1000;
6  b=x%1000;
7  c=b/500;
8  d=b%500;
9  e=d/100;
10 f=d%100;
11 g=f/50;
12 h=f%50;
13 i=h/20;
14 j=h%20;
15 k=j/10;
16 l=j%10;
17 m=l/5;
18 n=l%5;
19 o=n/2;
20 p=n%2;
21 q=p/1;
22 printf("%d",a+c+e+g+i+k+m+o+q);
23
24 }
```

	Input	Expected	Got	
✓	49	5	5	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

[◀ Problem 5: Finding Complexity using counter method](#)

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[2-G-Cookies Problem ▶](#)