**RAJALAKSHMI
ENGINEERING
COLLEGE**

🔔　**VARSHINI S 2024-CSE** ⌄　　**V2**

Started on	Wednesday, 3 September 2025, 8:15 AM
State	Finished
Completed on	Sunday, 7 September 2025, 11:12 AM
Time taken	4 days 2 hours
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 %)

```c
1  #include<stdio.h>
2  int main(){
3      int arr[]={1000,500,100,50,20,10,5,2,1};
4      int n=sizeof(arr)/sizeof(arr[0]);
5      int v,count=0;
6      scanf("%d",&v);
7      for(int i=0;i<n;i++){
8          if(v==0)
9          break;
10         count+=v/arr[i];
11         v=v%arr[i];
12     }
13     printf("%d",count);
14 }
```

	Input	Expected	Got	
✔	49	5	5	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.