https://course.acciojob.com/idle?question=5f63e473-3b87-4ace-844a-d6b4500cfb4f

- MEDIUM
- Max Score: 40 Points
-

Minimum Coins Old

Write a program to find the minimum number of coins/ notes required to make the change of A amount of money.

For this problem, you can assume that there is an unlimited supply of the various notes/coins available in the Indian currency denominations. The various denominations available are 1, 2, 5, 10, 20, 50, 100, 200, 500 and 2000.

Input Format

A single positive integer denoting the target amount.

Output Format

Return the minimum number of coins required.

Example 1

Input

```
90
```

Output

```
3
```

Explanation:-

50 + 20 + 20 = 90

Example 2

Input

```
2058
```

Output

```
5
```

Explanation

2000 + 50 + 5 + 2 + 1

Constraints

```
1 <= Target < = 100000
```

Topic Tags

- **Recursion**
- **Greedy**

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
  static int mincoin(int n)
```

```
 {
   if (n==0)  return (0);
      else if (n>=2000)  return (1+mincoin( n-2000));
      else if (n>=500)  return (1+mincoin( n-500));
      else if (n>=200)  return (1+mincoin( n-200));
      else if (n>=100)  return (1+mincoin( n-100));
      else if (n>=50)  return (1+mincoin( n-50));
      else if (n>=20)  return (1+mincoin( n-20));
      else if (n>=10)  return (1+mincoin( n-10));
      else if (n>=5)  return (1+mincoin( n-5));
      else if (n>=2)  return (1+mincoin( n-2));
      else if (n>=1)  return (1+mincoin( n-1));
   return 0;
     }
       public static void main (String[] args) throws
java.lang.Exception
       {
             //your code here
     Scanner s=new Scanner(System.in);
     int n=s.nextInt();
     System.out.print(mincoin(n));
```

```
        }
    }
```