Status	Finished
Started	Sunday, 6 October 2024, 2:50 PM
Completed	Sunday, 6 October 2024, 3:34 PM
Duration	43 mins 52 secs

Question **1**

Correct

Marked out of 5.00

You and your friend are movie fans and want to predict if the movie is going to be a hit!

The movie's success formula depends on 2 parameters:

the acting power of the actor (range 0 to 10)

the critic's rating of the movie (range 0 to 10)

The movie is a hit if the acting power is excellent (more than 8) or the rating is excellent (more than 8). This holds true except if either the acting power is poor (less than 2) or rating is poor (less than 2), then the movie is a flop. Otherwise the movie is average.

Write a program that takes 2 integers:

the first integer is the acting power

second integer is the critic's rating.

You have to print Yes if the movie is a hit, Maybe if the movie is average and No if the movie is flop.

Example input:

9 5

Output:

Yes

Example input:

1 9

Output:

No

Example input:

6 4

Output:

Maybe

For example:

Input	Result
9 5	Yes
1 9	No
6 4	Maybe

Answer: (penalty regime: 0 %)

```
import java.util.*;
public class Main{
    public static void main(String []args){
       Scanner scan = new Scanner(System.in);
       int actorPower = scan.nextInt();
       int criticPower = scan.nextInt();
       if(actorPower < 2 || criticPower<2){
           System.out.println("No");
       }
       else if(actorPower >8 || criticPower > 8)
        {
            System.out.println("Yes");
        }
        else{
            System.out.println("Maybe");
        }
        scan.close();
    }
}
```

	Input	Expected	Got	
✓	9 5	Yes	Yes	✓
✓	1 9	No	No	✓
✓	6 4	Maybe	Maybe	✓

Passed all tests! ✓

Question **2**

Correct

Marked out of 5.00

Write a Java program to input a number from user and print it into words using for loop. How to display number in words using loop in Java programming.

Logic to print number in words in Java programming.

Example

Input

1234

Output

One Two Three Four

Input:

16

Output:

one six

For example:

Test	Input	Result
1	45	Four Five
2	13	One Three
3	87	Eight Seven

Answer: (penalty regime: 0 %)

```
import java.util.*;
public class Main{
    public static void main(String []args){
        Scanner scan = new Scanner(System.in);
        int num = scan.nextInt();
        StringBuilder str =new StringBuilder(String.valueOf(num));
       // System.out.println(str);
        printInWord(str);
        scan.close();
    }
    private static void printInWord(StringBuilder num){
        HashMap<Character,String> word = new HashMap<>();
        word.put('1',"One");
        word.put('2',"Two");
        word.put('3',"Three");
        word.put('4',"Four");
        word.put('5',"Five");
        word.put('6',"Six");
        word.put('7',"Seven");
        word.put('8',"Eight");
        word.put('9',"Nine");
        word.put('0',"Zero");
        for(int i=0;i<num.length();i++)
            System.out.print(word.get(num.charAt(i))+" ");
    }
}
```

	Test	Input	Expected	Got	
✓	1	45	Four Five	Four Five	✓
✓	2	13	One Three	One Three	✓
✓	3	87	Eight Seven	Eight Seven	✓

Passed all tests! ✓

Question **3**

Correct

Marked out of 5.00

Write a program that takes as parameter an integer n.

You have to print the number of zeros at the end of the factorial of n.

For example, 3! = 6. The number of zeros are 0. 5! = 120. The number of zeros at the end are 1.

Note: n! < 10^5

Example Input:

3

Output:

0

Example Input:

60

Output:

14

Example Input:

100

Output:

24

Example Input:

1024

Output:

253

For example:

Input	Result
3	0
60	14
100	24
1024	253

Answer: (penalty regime: 0 %)

Reset answer

```
// Java program to count trailing 0s in n!
import java.io.*;
import java.util.Scanner;
class prog {
    // Function to return trailing
    // 0s in factorial of n
    static int findTrailingZeros(int n)
    {
        if (n < 0) // Negative Number Edge Case
            return -1;

        // Initialize result
        int count=0;

        // Keep dividing n by powers
        // of 5 and update count
        for (int i = 5; n / i >= 1;i*=5)
            count += n / i;

        return count;
    }

    // Driver Code
    public static void main(String[] args)
    {
```

	Input	Expected	Got	
✓	3	0	0	✓
✓	60	14	14	✓
✓	100	24	24	✓
✓	1024	253	253	✓

Passed all tests! ✓

◄ Lab-02-MCQ

Jump to...

Lab-03-MCQ ►