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HackerRank: 30 Days of Code
Day 5: Loops

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Objective:

In this challenge, we will use loops to do some math. Check out the Tutorial tab to learn more.

Task:

Given an integer, n, print its first 10 multiples. Each multiple n * i (where 1 <= i <= 10) should be printed on a new line in the form: n x i = result.

Example:

The printout should look like this:

```
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
```

Solution:

```java
import java.io.*;
import java.math.*;
import java.security.*;
import java.text.*;
import java.util.*;
import java.util.concurrent.*;
import java.util.function.*;
import java.util.regex.*;
import java.util.stream.*;
import static java.util.stream.Collectors.joining;
import static java.util.stream.Collectors.toList;


public class Solution {
    public static void main(String[] args) throws IOException {
        BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(System.in));
```
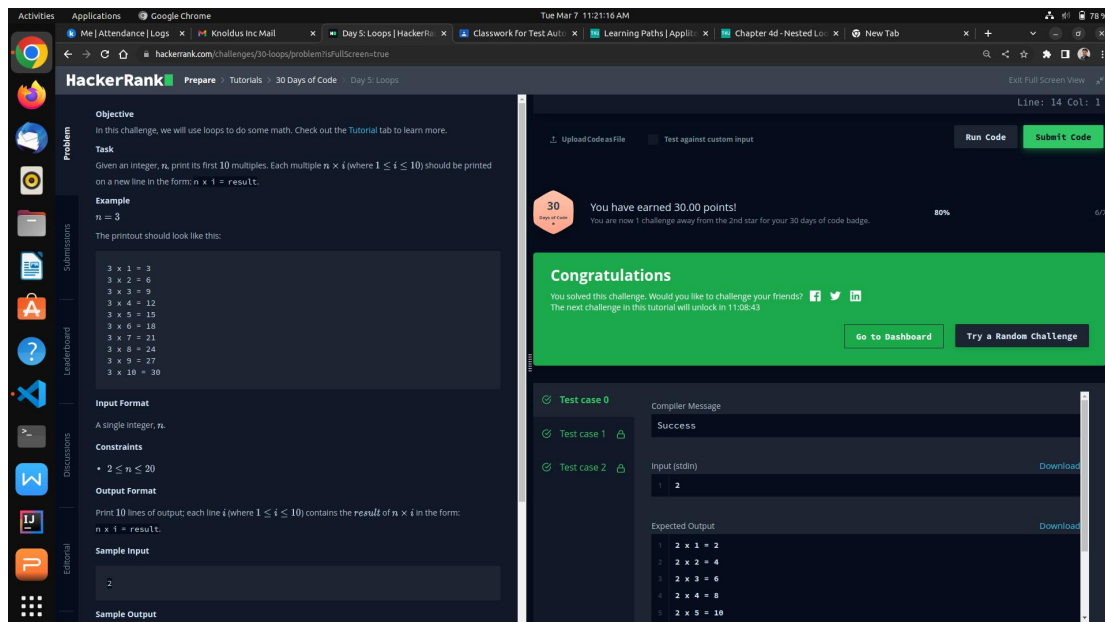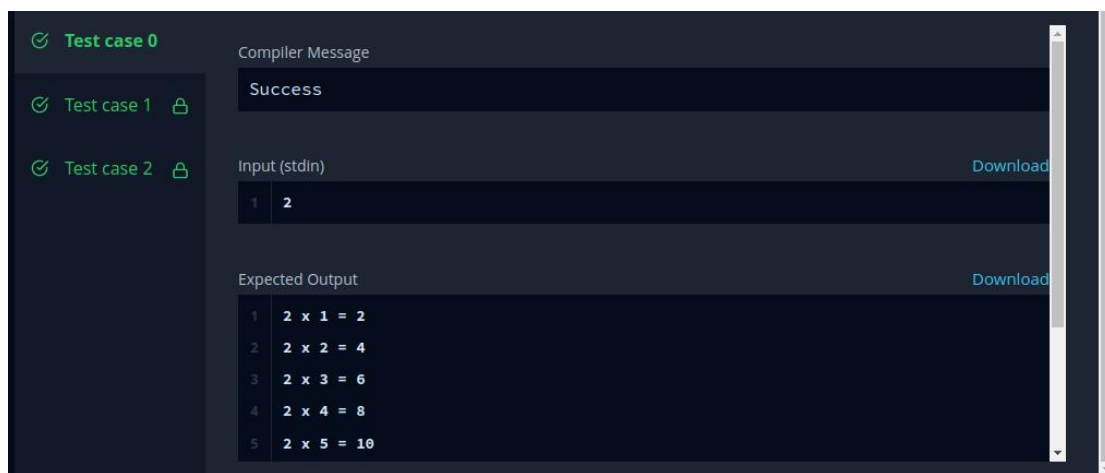
```
        int n = Integer.parseInt(bufferedReader.readLine().trim());
        for (int i = 1; i <= 10; i++) {
            int result = n * i;
            System.out.println(n + " x " + i + " = " + result);
        }
        bufferedReader.close();
    }
}
```

Output:

Result:

Program executed successfully .