



DEVELOPERS WIKI

Solution Guide

Judge Environment

HackerEarth Contests

College Contests

Problem Setter Guide

Problem Tester Guide

Setting/Testing FAQs

2
LIVE EVENTS

nd select a problem from there. Then, you need to select the language from tabs and write `a` and test your code on sample testcases by clicking on 'Compile & Test'. You can submit your ou can refer to [Judge Environment](#) for further details.

[Tutorials](#) in different languages for successful submission.

some small positive integers.

stcases, followed by T lines, each containing a single integer N.

t a single line the value of N!

II Factorials are written below.

```
es; kase++) {
```

```
, temp, carry = 0;
```

```

    ++) {
    length; j++) {
        + result[j] * i;
        / 10;
        temp % 10;

```

```

    carry % 10;

```

```

    1; i >= 0; i--){
    ult[i]);

```

```

    es; kase++) {

```

```

    0; i++) {
        < result.size(); j++) {
        + result[j] * i;
        / 10;
        temp % 10;

```

```

    back(carry % 10);

```

```

    .ze() - 1; i >= 0; i--){
    l;

```

```

    " s )))

```

```

recur (dec n) (* acc n))))

check change :as params] & steps]
il]

alue# (do ~@steps)]
r ~change new-value#))

.line))]
nc i)]
(read-line))))))

```

```

ic;

[] args) {
    e( System.Console.ReadLine().Trim());
    ie <= kases; kase++) {
    rse( System.Console.ReadLine().Trim());
    sult = new List<int>();

    V; i++) {
        < result.Count; j++) {
            + result[j] * i;
        / 10;
        temp % 10;

        {
            arry % 10);
        }

    unt - 1; i >= 0; i--){
        sult[i]);
    }
}

```

```

n - 1)

ow x ++ "\n") $ map factorial $ map (\x -> read x :: Integer) $ words xs

```

```
br;
reader;
```

```
(String args[]) throws Exception {
    = new BufferedReader(new InputStreamReader(System.in));
    readLine();
    parseInt(line);
    inputs = new ArrayList<Integer>();
    < N; i++) {
        Integer.valueOf(br.readLine()));

    r> outputs = new ArrayList<BigInteger>();
        inputs){
        factorial(input));

    // Print the outputs
    for (Integer output : outputs){
        System.out.println(output);
    }
}
```

```
private BigInteger factorial(Integer input) {
    if (input == 0 || input == 1) return BigInteger.ONE;
    return input.multiply(factorial(input - 1));
}
```

```
// Java declaration import java.io.*;
```

```
in' ]));

// For each test case
for (int i = 0; i < kase; i++) {
    // Read the input
    Integer.valueOf(1);
    // ...
    BigInteger.valueOf(i));
    // ...
}
```

```
factorial (n) {
```

```
write(Factorial(n).toString());  
  
t();  
  
;  
  
;
```

```
, temp, carry = 0;  
++) {  
length; j++) {  
+ result[j] * i;  
/ 10;  
temp % 10;
```

```
carry % 10;
```

```
1; i >= 0; i--){  
ult[i]);
```

```
es; kase++) {
```

```
    l[n]))  
    l[$n];  
    $n, factorial($n-1));  
    l[$n];
```

```
l) -> u64 {  
  
    recursive(n-1)  
  
    -> u64 {  
        *n)  
  
    ial_recursive(i))  
  
    ial_iterative(i))
```

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Blog
Engineering Blog
Updates & Releases
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API
Chrome Extension
CodeTable
HackerEarth Academy

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AMA
Code Monk
Judge Environment
Solution Guide

Careers
In the Press

Developer Profile
Resume
Campus Ambassadors
Get Me Hired
Privacy
Terms of Service

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Practice Problems
HackerEarth Challenges
College Challenges

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