

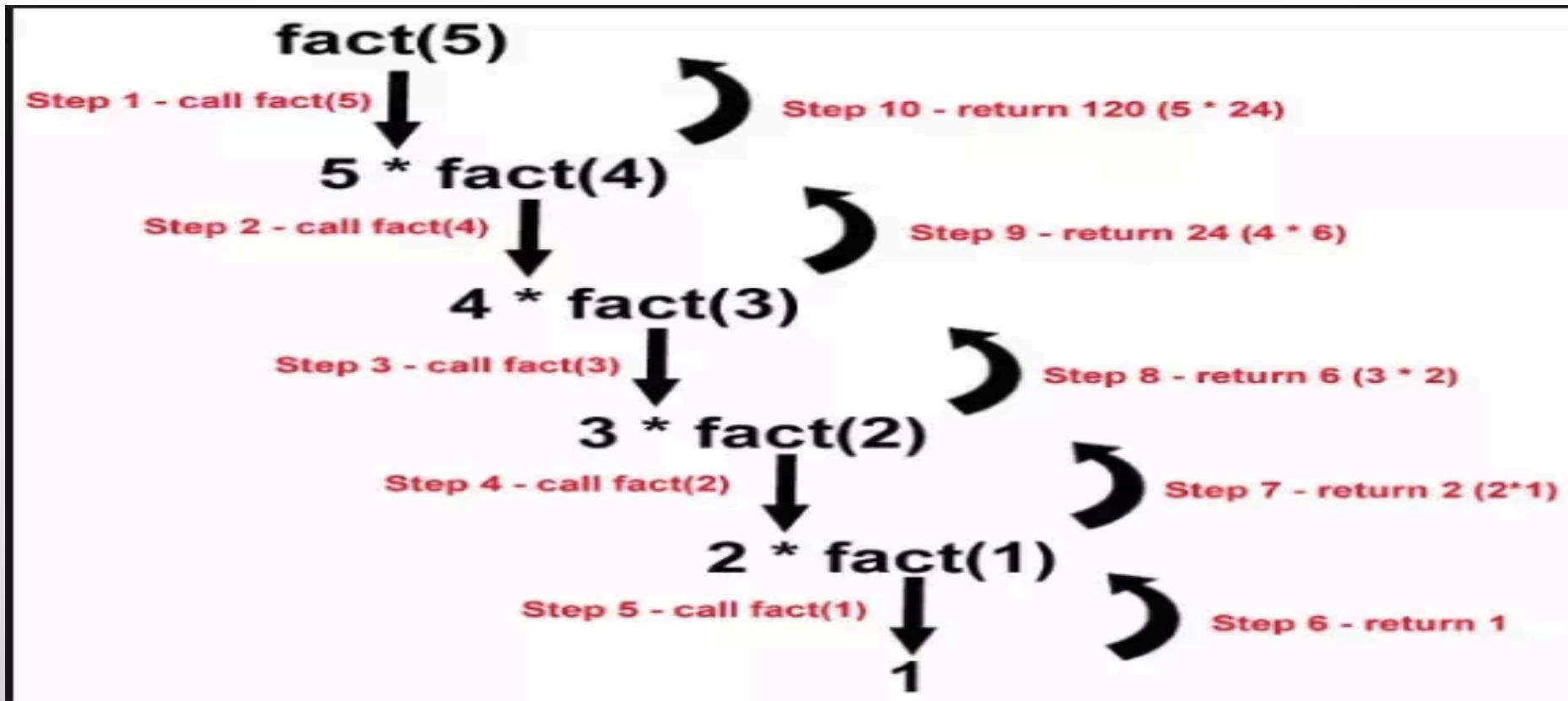
Cracking coding interview for Automation Testers\SDET - Java FAQS

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Agenda

- 1) Preparation for face to face interview - code on sheet of paper.
- 2) How to clear online coding Tests with practical on <http://leetcode.com/>
- 3) Best Practice on coding task submission - TDD Approach - with Eclipse, Java & Junit.
- 4) Most Popular Interview question for Automation tester(SDET) hands on.
- 5) Introduction to coding challenge websites.

Preparation for face to face interview - code on sheet of paper.



Preparation for face to face interview - code on sheet of paper.

```
// 6 = 3*2*1

public class Fact {

    public static void main (string[] args) {
        int fact = fact(3); // calling fact fn
        system.out.println(fact);
    }

    public static int fact(int num) {
        if( num <= 1) {
            return 1;
        }
        return num * fact(num -1);
    }
}
```

How to clear online coding Tests?

- <https://leetcode.com/explore/featured/card/top-interview-questions-easy>

```
class Solution {  
  
    public void reverseString(char[] s) {  
  
        int len = s.length;  
  
        for(int i =0; i< len/2; i++) {  
  
            char temp = s[i];  
  
            s[i] = s[len-1-i]; // s[4] - 0-4 not 1-5  
  
            s[len-1-i] = temp;  
  
        }  
  
    }  
}
```

Best Practice On Coding Task Submission - TDD Approach - With Eclipse ,Java & Junit.

- Test Driven Development(TDD)
- Question : Swap First 2 To Last 2 Characters
- Worked out example bellow

<https://github.com/pachantoms/testcloudcode/blob/master/testswapfirst2withlast2char.java>

<https://github.com/pachantoms/testcloudcode/blob/master/swapclass.java>

Most Popular Interview Question For Automation Tester(SDET)

- REVERSE STRING/INTEGER
- PALINDROME
- FIND FACTORIAL
- CREATE FIBANOCCI SERIES
- LONGEST PALINDROMIC SUBSTRING
- VALID PARENTHESSES :-OPEN BRACKETS -'(', ')', '{', '}', '[' AND ']' MUST BE CLOSED BY THE SAME TYPE OF BRACKETS IN CORRECT ORDER. EXAMPLE – 1) ()[]{} 2) {}

Introduction To Coding Challenge Websites

- <https://www.hackerrank.com>
- <https://www.hackerearth.com>
- <https://www.techgig.com>