

## DAILY ONLINE ACTIVITIES SUMMARY

|  |                         |   |            |
|--|-------------------------|---|------------|
| <b>Date:</b>   | 15/06/2020              | <b>Name:</b>  | Prajwal    |
| <b>Sem &amp; Sec</b>   | IV sem & B sec          | <b>USN:</b>   | 4AL18CS057 |
| <b>Online Test Summary</b>   |                         |   |            |
| <b>Subject</b>   | ----                    |   |            |
| <b>Max. Marks</b>  | -----                   | <b>Score</b>  | -----      |
| <b>Certification Course Summary</b>  |                         |   |            |
| <b>Course</b>  | Python For Data Science |   |            |
| <b>Certificate Provider</b>  | COGNITIVE CLASS         | <b>Duration</b>   | 12 hours   |
| <b>Coding Challenges</b>   |                         |   |            |
| <b>Problem Statement:</b> 1. Write a java program to find if string is K-Palindrome or not |                         |   |            |
| <b>Status:</b> Done  |                         |   |            |
| <b>Uploaded the report in Github</b>   |                         | YES   |            |
| <b>If yes Repository name</b>  |                         | <a href="https://github.com/PRAJWALKOTIAN/lockdown-coding">https://github.com/PRAJWALKOTIAN/lockdown-coding</a> |            |
| <b>Uploaded the report in slack</b>  |                         | YES   |            |

### **Online test details**

No test was conducted dated on 15 june 2020.

## Certification Course Details

The course I have chosen is python for data science in this I studied introduction to the course for python in data science.

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# Welcome! (2:28)

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# Welcome! (2:28)

Why Python?

| Language   | Percentage |
|------------|------------|
| Python     | 34.2%      |
| Java       | 23.0%      |
| JavaScript | 14.7%      |
| C++        | 9.8%       |
| Ruby       | 7.2%       |
| C          | 6.1%       |
| PHP        | 4.5%       |
| Swift      | 3.1%       |
| Kotlin     | 2.8%       |
| Go         | 2.5%       |

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HD

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and dynamic programming language that runs everywhere.

**It's also interactive, object-oriented, and very easy to learn.**

Anyone can create programs with it. It's particularly

### Video

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### Transcripts

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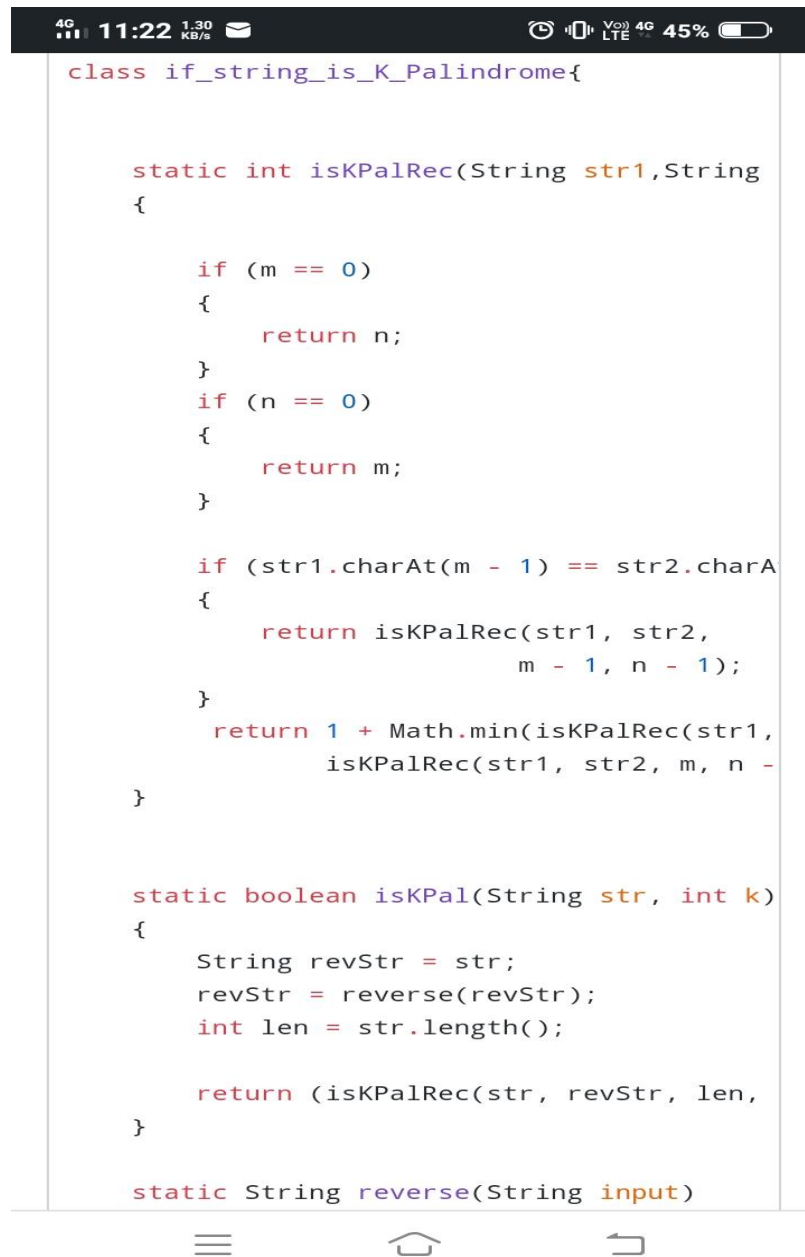
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## Coding Challenges Details

The bellow given codes are there on my github repository <https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a java program to find if string is K-Palindrome or not

A screenshot of a mobile phone screen displaying Java code. The status bar at the top shows 4G LTE, 11:22, 1.30 KB/s, and 45% battery. The code is for a class named 'if\_string\_is\_K\_Palindrome' and includes methods for recursive checking and reversing a string. The code is as follows:

```
class if_string_is_K_Palindrome{

    static int isKPalRec(String str1,String
    {

        if (m == 0)
        {
            return n;
        }
        if (n == 0)
        {
            return m;
        }

        if (str1.charAt(m - 1) == str2.charA
        {
            return isKPalRec(str1, str2,
                            m - 1, n - 1);
        }
        return 1 + Math.min(isKPalRec(str1,
            isKPalRec(str1, str2, m, n -

    }

    static boolean isKPal(String str, int k)
    {
        String revStr = str;
        revStr = reverse(revStr);
        int len = str.length();

        return (isKPalRec(str, revStr, len,

    }

    static String reverse(String input)
```