

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	15/06/2020	<b>Name:</b>	Laxman Pundalik Budihal
<b>Sem &amp; Sec</b>	4 <sup>rd</sup> sem (A sec)	<b>USN:</b>	4AL18CS043
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Python Bootcamp		
<b>Certificate Provider</b>	Udemy	<b>Duration</b>	24 hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a Java Program to find if string is K-Palindrome or not0			
<b>Status:</b> Completed			
<b>Uploaded the report in GitHub</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Laxman_Budihal">https://github.com/alvas-education-foundation/Laxman_Budihal</a>	
<b>Uploaded the report in slack</b>		YES	

## Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot displays a Udemy course interface. The main video player shows a Python code editor with the following content:

```
WARMUP SECTION:  
  
LEARNER OF TWO EVENS: Write a function that returns the lesser of two given numbers if both numbers are even, but returns the greater if one or both numbers are odd.  
lesser_of_two_evens(2,4) --> 2  
lesser_of_two_evens(3,4) --> 4
```

The code editor also shows the function definition:

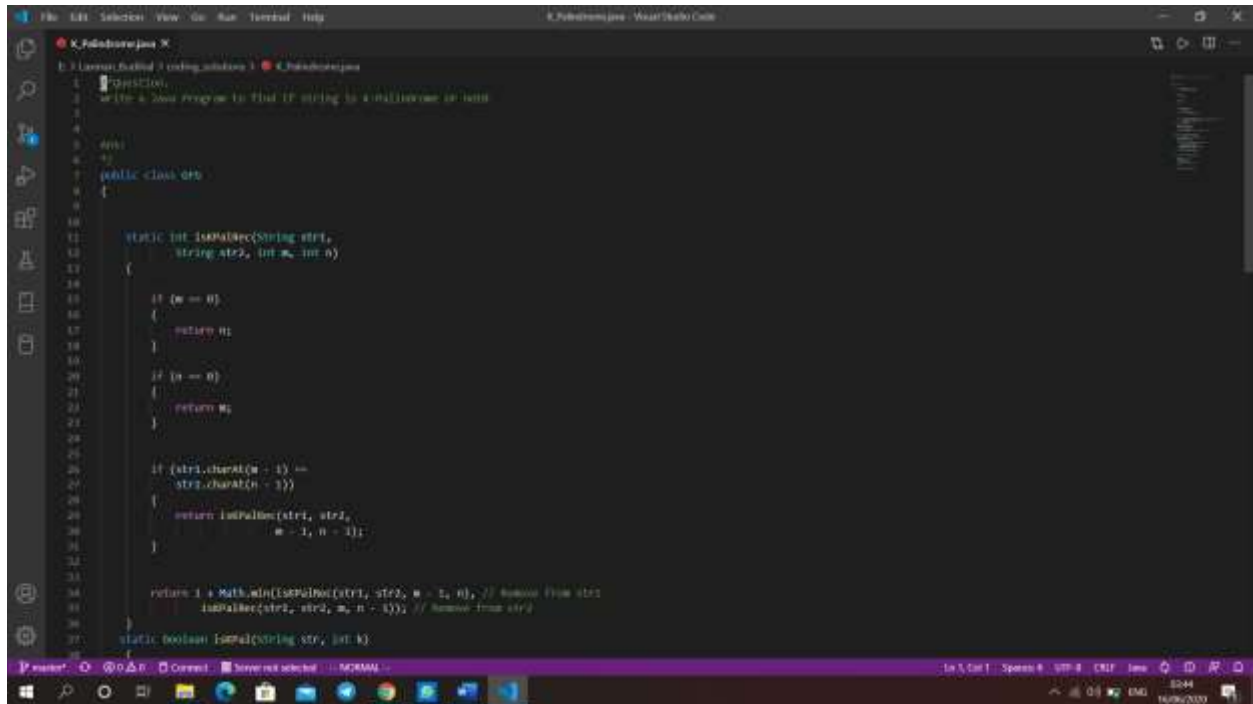
```
def lesser_of_two_evens(a,b):  
    pass  
  
# Check  
lesser_of_two_evens(2,4)  
  
# Check  
lesser_of_two_evens(3,4)
```

The course content sidebar on the right lists the following topics:

- 46. Function Practice Exercises - Solutions
- 47. Function Practice - Solutions Level One
- 48. Function Practice - Solutions Level Two
- 49. Function Exercise Solutions - Challenge Problem
- 50. Lambda Expressions, Map, and Filter Functions
- 51. Nested Statements and Scope
- 52. Methods and Functions Homework Overview
- 53. Methods and Functions Homework - Solutions
- Section 7: Milestone Project - 1

The today's topic is about Function practice solution

## Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)



```
1 // Given a string str, write a Java program to find if string is K-palindrome or not.
2
3
4
5
6
7 public class K_Palindrome {
8
9
10
11
12     static int isKPalRec(String str1,
13                          String str2, int m, int n)
14     {
15
16         if (m == 0)
17         {
18             return 0;
19         }
20
21         if (n == 0)
22         {
23             return 0;
24         }
25
26         if (str1.charAt(m - 1) ==
27             str2.charAt(n - 1))
28         {
29             return isKPalRec(str1, str2,
30                             m - 1, n - 1);
31         }
32
33         return 1 + Math.min(isKPalRec(str1, str2, m - 1, n),
34                             isKPalRec(str1, str2, m, n - 1)); // Remove from str1
35     }
36
37     static boolean isKPal(String str, int k)
38     {
39         int n = str.length();
40         return isKPalRec(str, str, n, n) <= k;
41     }
42 }
```

The question I took to code is: Write a Java Program to find if string is K-Palindrome or not0