

DAILY ONLINE ACTIVITIES SUMMARY

Date:	07-06-2020	Name:	Apoorva H P
Sem & Sec	6th Sem 'A' Sec	USN:	4AL17CS011
Online Test Summary			
Subject	SSCD		
Max. Marks	30	Score	23
Certification Course Summary			
Course	Introduction to Ethical hacking		
Certificate Provider	Great Learning	Duration	4 hr
Coding Challenges			
 1. Palindrome in string <hr/>			
write a java Program to print smallest and biggest possible palindrome word in a given string			
 2. List square <hr/>			
Print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included)			
Status: Completed			

Uploaded the report in Github	yes
If yes Repository name	https://github.com/ashaapoorva/online-coding-and-certification-course

Uploaded the report in slack	yes
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Online Test Details:

The screenshot shows a web browser window with the URL `techgig.com/challenge/result/analysis-round-2/ZnJ0cHpPZXI4QXZyOU1xWGsrUU9nZz09`. The browser's address bar includes a search bar and a "Click to Rate" button. The page content is divided into two main sections: "Results" and "Analytics". The "Results" section displays three test results:

- Test 3 submitted**
Analysis Round 2
Your Score: **9** / 9
- Test 2 submitted**
Analysis Round 1
Your Score: **8** / 10
- Test 1 submitted**
MCQ
Your Score: **6** / 11

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Certification Course Details:

Introduction to Ethical Hacking - x +

olympus.greatlearning.in/courses/12629

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▶ Domains and Process Implementation under Ethical Hacking

54m

▶ Ethical Hacking in Network Architecture-Demonstration

48m

▶ Ethical Hacking in Web Applications-Demonstration

50m

▶ Ethical Hacking on Mobile Platforms-Demonstration

34m

▶ What is Ethical Hacking

50m

Quiz

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🚫 Ethical Hacking - Quiz

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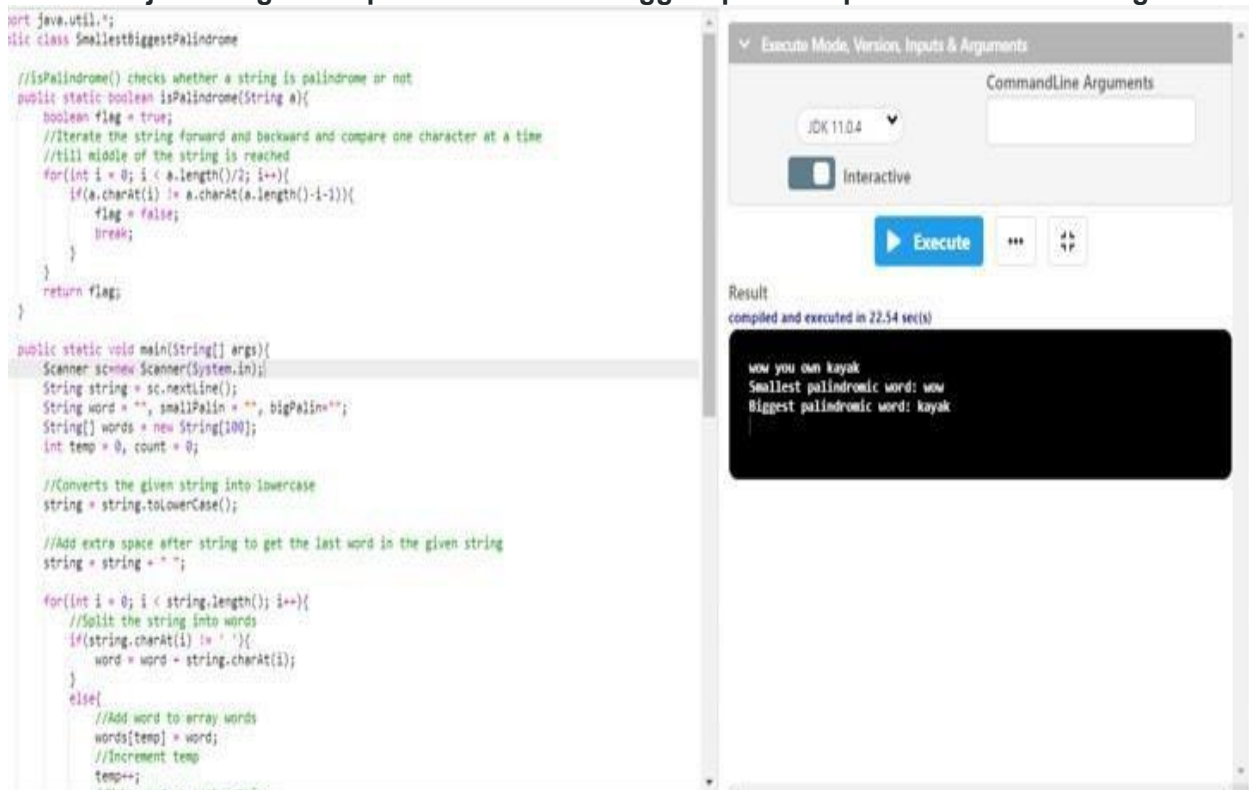
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Coding Challenges Details:

1. Palindrome in string

write a java Program to print smallest and biggest possible palindrome word in a given string.



The image shows a Java IDE with a code editor on the left and a console/terminal on the right. The code in the editor is a Java program named `SmallestBiggestPalindrome` that checks if a string is a palindrome and finds the smallest and largest palindromic words in a given string. The console output shows the results for the input string "wow you own kayak".

```
import java.util.*;
class SmallestBiggestPalindrome

//isPalindrome() checks whether a string is palindrome or not
public static boolean isPalindrome(String a){
    boolean flag = true;
    //iterate the string forward and backward and compare one character at a time
    //till middle of the string is reached
    for(int i = 0; i < a.length()/2; i++){
        if(a.charAt(i) != a.charAt(a.length()-i-1)){
            flag = false;
            break;
        }
    }
    return flag;
}

public static void main(String[] args){
    Scanner sc=new Scanner(System.in);
    String string = sc.nextLine();
    String word = "", smallPalin = "", bigPalin="";
    String[] words = new String[100];
    int temp = 0, count = 0;

    //Converts the given string into lowercase
    string = string.toLowerCase();

    //Add extra space after string to get the last word in the given string
    string = string + " ";

    for(int i = 0; i < string.length(); i++){
        //Split the string into words
        if(string.charAt(i) != ' '){
            word = word + string.charAt(i);
        }
        else{
            //Add word to array words
            words[temp] = word;
            //Increment temp
            temp++;
        }
    }
}
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

JDK 11.0.4

Interactive

Execute

Result

compiled and executed in 22.54 sec(s)

```
wow you own kayak
Smallest palindromic word: wow
Biggest palindromic word: kayak
```

2. List square

Print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included)



```
def printValues(n):  
    l = list()  
    for i in range(1,n+1):  
        l.append(i**2)  
    print(l[:5])  
    print(l[-5:])  
  
n=int(input("enter n value\n"))  
printValues(n)
```

enter n value
20
[1, 4, 9, 16, 25]
[256, 289, 324, 361, 400]