

DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/07/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Descriptive Test Summary			
Subject	—		
Max. Marks	—	Score	—
Certification Course Summary			
Course	AWS Fundamentals: Going Cloud-Native		
Certificate Provider	coursera	Duration	7.2hr
Coding Challenges			
Problem statement 1: Write a java program to check for balanced parenthesis			
Status:			
Uploaded the report in Github		YES	
If yes Repository name		Priya_Nagari link: https://github.com/alva-foundation/Priya_Nagari s-education-i	
Uploaded the report in slack		YES	

Online Test Details:

No test

Course Details:

Name of the course: AWS Fundamentals: Going Cloud-Native

certificate provider: coursera **duration:** 7.2hrs

Today I have enrolled for “AWS Fundamentals: Going Cloud-Native” course in coursera of 7.2 hours duration. Today I have started with week 2 sessions .in this I am learning about storage and network structure in that VPC part 2.

The screenshot shows the Coursera interface for the course 'AWS Fundamentals: Going Cloud-Native', specifically Week 2, 'Amazon Virtual Private Cloud (VPC) Part 2'. The main video player displays a lecture by a man in a white lab coat, pointing at a diagram of a VPC. The diagram shows a VPC with a CIDR block of 10.0.0.0/24 and a subnet with a CIDR block of 10.0.0.0/24. The video player has controls for 'Save Note', 'Discuss', and 'Download'. Below the video player is a language dropdown set to 'English' and a 'Help Us Translate' link. The left sidebar shows the course structure, including 'Introduction to Module 2: Networking and Storage', 'Networking on AWS', and 'Storage on AWS'. The right sidebar shows a 'Notes' section with a 'Save Note' button and instructions on how to capture a screen and save lines from the transcript.

Coding details:

Problem statement 1: Write a java program to check for balanced.

Given an expression string exp. Examine whether the pairs and the orders of “{“,”}”,“(“,”)”, “[“,”]” are correct in exp.

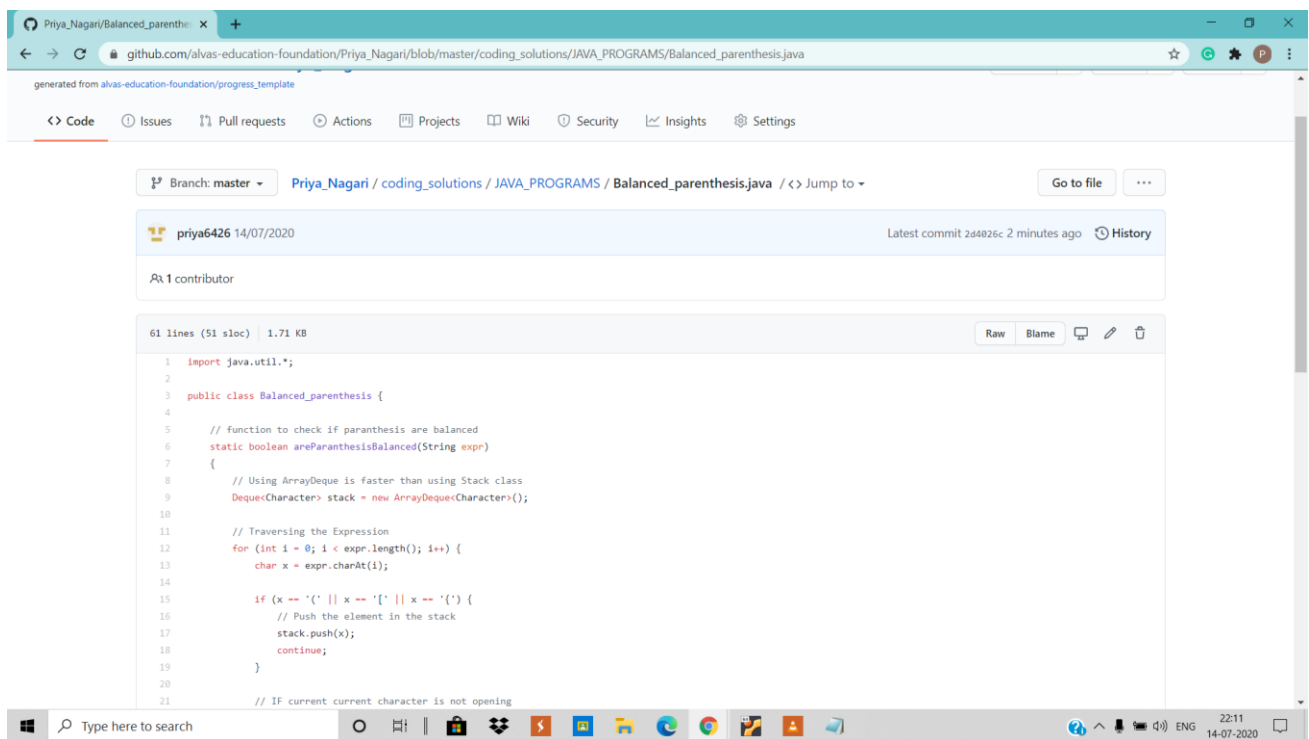
For example, the program should print 'balanced' for exp = “[0]{} {}(())” and 'not balanced' for exp = “[()]”

Input:

Input consists of a string of expression, in a separate line.

Output:

Print 'balanced' without quotes if the pair of parenthesis is balanced else print 'not balanced' in a separate line.



The screenshot shows a web browser displaying a GitHub repository page for a Java program. The browser's address bar shows the URL: `github.com/alvas-education-foundation/Priya_Nagari/blob/master/coding_solutions/JAVA_PROGRAMS/Balanced_parenthesis.java`. The repository name is `Priya_Nagari/Balanced_parenthesis`. The file `Balanced_parenthesis.java` is selected, showing its content. The code is a Java program that checks if a given expression string is balanced using a stack. The code is as follows:

```
1 import java.util.*;
2
3 public class Balanced_parenthesis {
4
5     // function to check if paranthesis are balanced
6     static boolean areParanthesisBalanced(String expr)
7     {
8         // Using ArrayDeque is faster than using Stack class
9         Deque<Character> stack = new ArrayDeque<Character>();
10
11         // Traversing the Expression
12         for (int i = 0; i < expr.length(); i++) {
13             char x = expr.charAt(i);
14
15             if (x == '(' || x == '[' || x == '{') {
16                 // Push the element in the stack
17                 stack.push(x);
18                 continue;
19             }
20
21             // If current current character is not opening
```

Pre-placement activities: not held

Online Training: held.