DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19-06-2020**	**Name:**	**Shriraksha**
Sem & Sec	**8th,B**	**USN:**	**4AL16CS099**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**26**

Certification Course Summary

Course	**Hadoop and Bigdata**		
Certificate Provider	**Eduonix**	**Duration**	**3.5 Hrs**

Coding Challenges

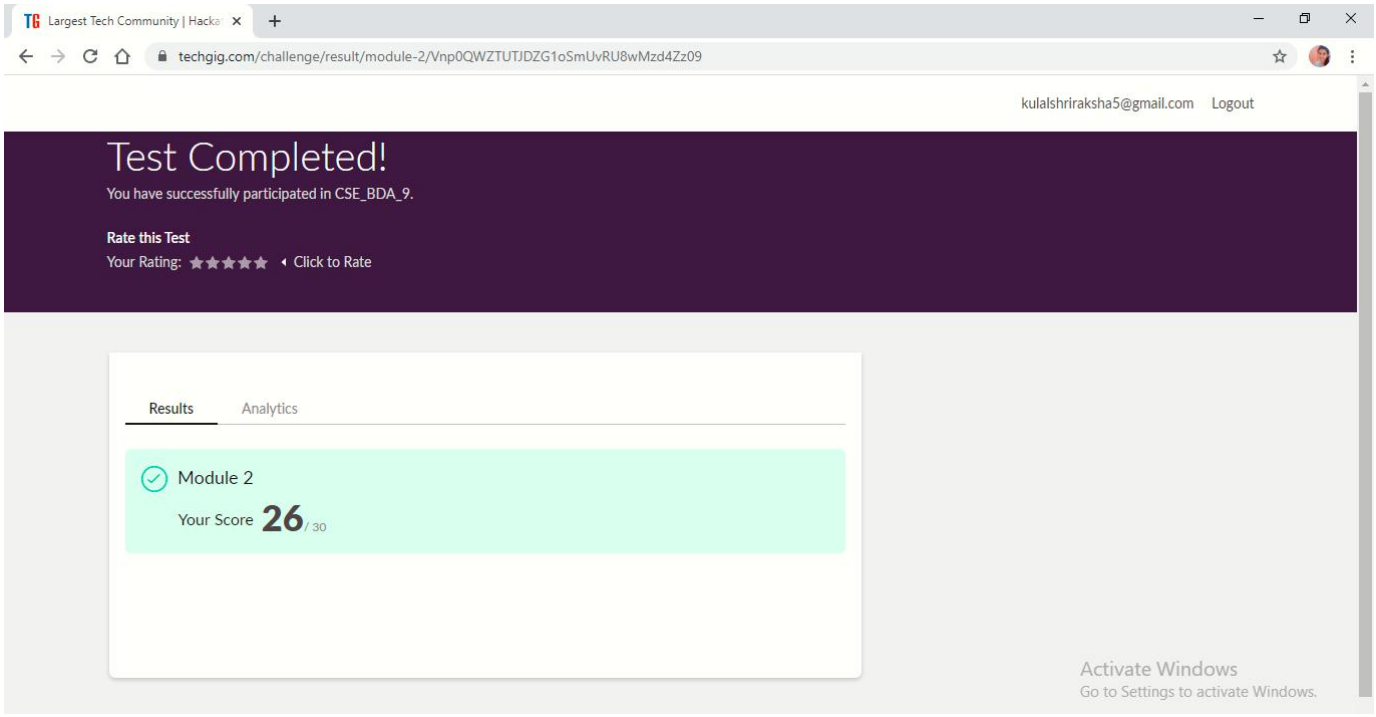
Problem Statement:

Write a Java program to find the row, column position of a specified number (row, column position) in a given 2-dimensional array

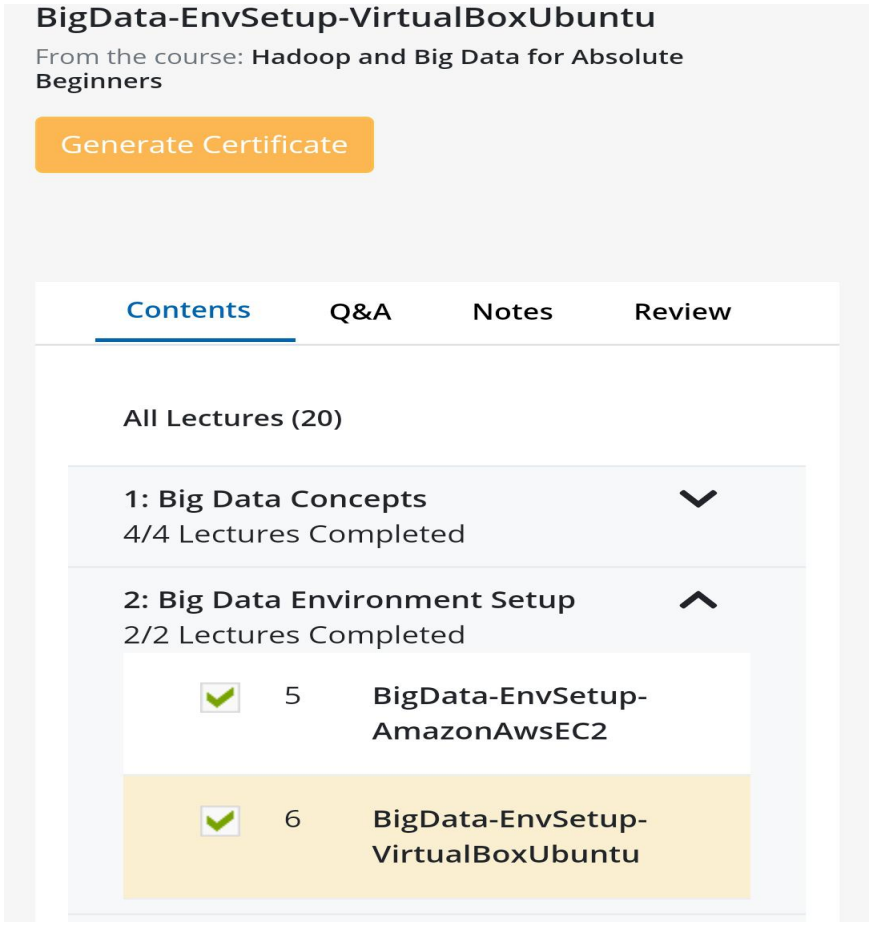
Status: Solved

Uploaded the report in Github	**Yes**
If yes Repository name	**alvas-education-foundation/ Shriraksha_k**
Uploaded the report in slack	**Yes**

Online Test Details:



Certification Course Details:



Coding Challenges:

#Write a Java program to find the row, column position of a specified number (row, column position) in a given 2-dimensional array

```
import java.util.*;
public class abc {


 public static void main(String[] args) {
  int nums[][] = {{12, 20, 30, 40},
                  {15, 25, 35, 45},
                  {24, 29, 39, 51},
                  {35, 30, 39, 50},
                  {50, 60, 75, 72}};


           int rows = 5;
           int search_element = 39;
    int ans[] = Saddleback(nums, rows - 1, 0, search_element);
      System.out.println("Position of "+search_element+" in the matrix is ("+ans[0] + "," + ans[1]+")");


   }
   private static int[] Saddleback(int nums[][], int row, int col, int search_element) {


      //numsay to store the row and column of the searched element
      int element_pos[] = {-1, -1};
      if (row < 0 || col >= nums[row].length) {
         return element_pos;
      }
      if (nums[row][col] == search_element) {
         element_pos[0] = row;
         element_pos[1] = col;
         return element_pos;
      }
      else if (nums[row][col] > search_element) {
         return Saddleback(nums, row - 1, col, search_element);
      }
```

```
        return Saddleback(nums, row, col + 1, search_element);
    }

}
```