DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19- 06- 2020**	**Name:**	**Akshata Shetty**
Sem & Sec	**8th sem B sec**	**USN:**	**4AL16CS092**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**24**

Certification Course Summary

Course	**AWS certified machine learning specialty**		
Certificate Provider	**AWS**	**Duration**	**4 1/2 hrs**

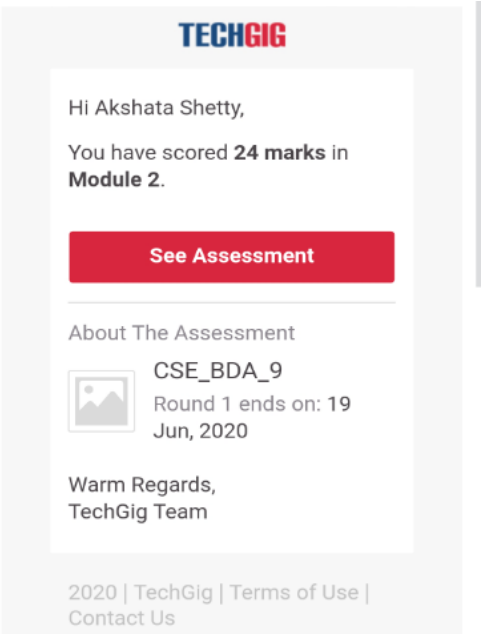
Coding Challenges

Problem Statement- :

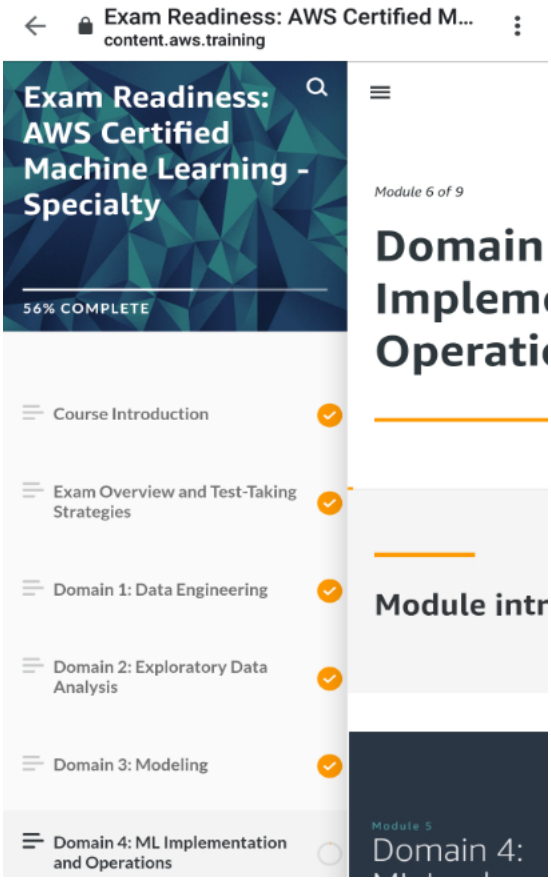
Write a Java program to find the row, column position of a specified number (row, column position) in a given 2- dimensional array

Status: completed	
Uploaded the report in Github	**yes**
If yes Repository name	**Akshata**
Uploaded the report in slack	**yes**

Online Test Details: (Attach the snapshot and briefly write the report for the same)



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



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

Coding was given and it was uploaded for github and slack

```
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);
  }

}
```