DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19/06/2020**	**Name:**	**Sumana Rehman**
Sem & Sec	**8th Sem B**	**USN:**	**4AL16CS107**
Online Test Summary			
Subject	**BDA**		
Max. Marks	**30**	**Score**	**0(not taken)**
Certification Course Summary			
Course	**Web Application Pentesting**		
Certificate Provider	**pentesteracdemy**	**Duration**	
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	**Alvas-education-foundation/Sumana**		
Uploaded the report in slack	**yes**		

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);

}

}
```