

DAILY ONLINE ACTIVITIES SUMMARY

Date:	02/07/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Online Test Summary			
Subject	—		
Max. Marks	—	Score	—
Certification Course Summary			
Course	Java from Zero to First Job		
Certificate Provider	udemy	Duration	4.5hr
Coding Challenges			
Problem Statement: 1. Java implementation to find the minimum of the maximum difference of the adjacent elements after removing K elements from the array.			
Status:			
Uploaded the report in Github		YES	
If yes Repository name		Priya_Nagari link: https://github.com/alva-foundation/Priya_Nagari s-education-activities	
Uploaded the report in slack		YES	

Online Test Details:

NO TEST

Course Details:

Name of the course: Java from Zero to First Job

certificate provider: udemy **duration:**4.5hrs

Today I have done with some operators in java programming and data types and some questions I have solved which are given as assignment in this session.

Snap shot:

The screenshot shows the Udemy course interface for 'Java from Zero to First Job: Part 1 - Fundamentals'. The main content area displays a quiz titled 'Split Words' with the following requirements:

1. Implement console program which meet the following requirements:
 1. Program starts and asks user to input any text
 2. Program prints array of words entered by user without any spaces or punctuation marks

Below the requirements is a code editor for 'SplitWords.java' with the following code:

```
1 import java.util.Arrays;
2 import java.util.Scanner;
3
4 public class SplitWords {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         System.out.print("Please, enter any text: ");
9         String userInput = sc.nextLine();
10        System.out.print("You entered these words: ");
11        System.out.println(Arrays.toString(userInput.split(" ")));
12    }
13 }
```

The right sidebar shows the course content list:

- Section 1: Introduction (4 / 4 | 23min)
- Section 2: Basics (5 / 6 | 42min)
- Section 3: Primitive Data Types, Variables and Arrays (3 / 3 | 35min)
- Section 4: Eclipse: Tips and Tricks (3 / 3 | 11min)
- 13. Packages: creation and package presentation in eclipse (2min)
- 14. Plugins: how to install free plugins, eclipse marketplace, workspace styles (2min)
- 15. Code Refactoring in Eclipse (7min)
- Section 5: Operators and Operations with primitive types (10 / 10 | 55min)
- 16. Operators in Java

The bottom of the screenshot shows the Windows taskbar with the search bar and various application icons.

Pre-placement activities:

Today I have attended online per-placement training on the topic “C++ programming” conducted by the dept. of Computer science and Engineering AIET. It was driven by prof Shruthi Shetty J. Todays session was on Inheritance in C++ After the class I attended the quiz.

coding Details:

Problem Statement: 1 Write a Java Program minimize the maximum difference between adjacent elements in an array.

Given a non-decreasing array $arr[]$ and an integer K , the task is to remove K elements from the array such that maximum difference between adjacent element is minimum.

Note: $K < N - 2$

Examples:

Input: $arr[] = \{3, 7, 8, 10, 14\}$, $K = 2$

Output: 2

Explanation:

After removing elements $A[0]$ and $A[4]$, The maximum difference between

adjacent elements is minimum. After removing elements, the remaining array is [7, 8, 10]

Snap shot:

The screenshot shows a web browser displaying a GitHub repository page. The repository is named 'alvas-education-foundation / Priya_Nagari' and is located at the path 'coding_solutions / PYTHON_PROGRAMS / sort_list.py'. The page shows the file's content, which is a Python program to sort one list using the other list. The code is as follows:

```
1
2 // Python program to sort one list using the other list
3
4 list1=['a','b','c','d','e','f','g','h']
5 list2=[0,1,1,0,2,2,0,1]
6
7 Z = [x for _,x in sorted(zip(list2,list1))]
8 print('Output: ',Z)
```

The page also shows the commit history, with the latest commit by 'priya6426' on 01/07/2020. The file is 191 Bytes and 8 lines (5 sloc). The page footer includes the GitHub logo and various links like Terms, Privacy, Security, Status, Help, Contact GitHub, Pricing, API, Training, Blog, and About. The Windows taskbar is visible at the bottom, showing the search bar and several application icons.