DAILY ONLINE ACTIVITIES SUMMARY

Date:	12/06/2020		Name:	DEEPA
Sem & Sec	8th Sem		USN:	4AL16CS029

Online Test Summary				
Subject	Big Data Analytics			
Max. Marks	30		Score	14

Certification Course Summary				
Course	The concise python 3 bootcamp 2020 for absolute beginners			
Certificate Provider	udemy.com/		Duration	6.5 hrs

Coding Challenges
Problem Statement: 1)Write a C Program to remove duplicate elements in array
Status: Completed

Uploaded the report in Github	Yes
If yes Repository name	Daily_report
Uploaded the report in slack	yes

Online Test Details:

Certification Course Details:

- ☑ 31. List Methods
  - ▶ 10min
- ☑ 32. Tuples
  - ▶ 3min
- ☑ 33. Unpacking
  - ▶ 4min
- ☑ 34. Dictionaries
  - ▶ 7min
- ☑ 35. Dictionaries Exercise
  - ▶ 1min
- ☑ 36. Exercise Dictionaries Solution
  - ▶ 4min
- ☑ 37. Emoji Converter Program
  - ▶ 7min
- ☑ Quiz 1: Variables & If Statements
- ☑ 38. Light Moments
  - ▶ 1min

Section 4: Loops
2 / 12 | 42min

- ☑ 39. Section Introduction: Loops
  - ▶ 1min
- ☑ 40. While Loops

☑ **60. What is Object-Oriented Programming?**
   ▷ 2min

☑ **61. Classes**
   ▷ 8min

☑ **62. Constructors**
   ▷ 5min

☑ **63. Exercise Constructors**
   ▷ 1min

☑ **64. Exercise Constructors Solution**
   ▷ 3min

☑ **65. Exercise Constructors Solution Bonus**
   ▷ 2min

☑ **66. Magic / Dunder Methods**
   ▷ 5min

☑ **67. Inheritance**
   ▷ 6min

☑ **68. Polymorphism**
   ▷ 4min

☑ **Quiz 4: Object-Oriented Programming (OOP)**

Section 7: Modules & Packages ∧
1 / 10 | 39min

☑ **69. Section Introduction: Modules & Packages**
   ▷ 1min

- [x] **70. Modules**
  - ▶ 6min

- [x] **71. Exercise Modules**
  - ▶ 1min

- [x] **72. Exercise Modules Solution**
  - ▶ 3min

- [x] **73. Packages**
  - ▶ 7min

- [x] **74. Libraries**
  - ▶ 4min

- [x] **75. Working with Directories**
  - ▶ 10min

- [x] **76. PyPi and Pip**
  - ▶ 6min

- [x] **Quiz 5: Modules & Packages**

- [x] **77. Light Moments**
  - ▶ 1min

Section 8: Project 1: Automation for Excel Spreadsheets ⌃
2 / 6 | 16min

- [x] **78. Project 1 Introduction**
  - ▶ 2min

- [x] **79. Installing Openpyxl**

- ☑ **81. Getting the Subjects**
  - ▷ 2min

- ☑ **82. Calculating the Totals**
  - ▷ 2min

- ☑ **83. Calculating the Percentages**
  - ▷ 3min

Section 9: Project 2: Data Visualization with Matplotlib ∧
6 / 6 | 32min

- ☑ **84. Installing Matplotlib**
  - ▷ 2min

- ☑ **85. Creating Line Charts**
  - ▷ 7min

- ☑ **86. Decorating Charts**
  - ▷ 8min

- ☑ **87. Creating Bar Charts**
  - ▷ 5min

- ☑ **88. Creating Pie Charts**
  - ▷ 5min

- ☑ **89. Customizing Pie Charts**
  - ▷ 4min

Section 10: Project 3: Password Generator App ∨

▶ 5min

☑ 89. Customizing Pie Charts

▶ 4min

Section 10: Project 3: Password Generator App   ∧
6 / 6 | 24min

☑ 90. Project 3 Introduction

▶ 2min

☑ 91. Defining Characters Part 1

▶ 4min

☑ 92. Defining Characters Part 2

▶ 3min

☑ 93. Generating Password

▶ 11min

☑ 94. Project 3 Exercise

▶ 1min

☑ 95. Project 3 Exercise Solution

▶ 4min

Section 11: Conclusion   ∧
1 / 1 | 1min

☑ 96. Conclusion

▶ 1min

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Coding Challenges Details:

Program 1:

```c
#include<stdio.h>

int remove_duplicate_elements(int arr[], int n)
{

    if (n==0 || n==1)
        return n;


    int temp[n];


    int j = 0;
    int i;
    for (i=0; i<n-1; i++)
        if (arr[i] != arr[i+1])
            temp[j++] = arr[i];
    temp[j++] = arr[n-1];


    for (i=0; i<j; i++)
        arr[i] = temp[i];


    return j;
}
int main()
{
```

```c
    int n;

    printf("Enter number of elements\n");

    scanf("%d",&n);

    int arr[n];

    int i;

    printf("Enter lements\n");

    for(i = 0; i < n; i++)

    {

        scanf("%d",&arr[i]);

    }


    n = remove_duplicate_elements(arr, n);

    printf("results :\n");


    for (i=0; i<n; i++)

        printf("%d ",arr[i]);

    printf("\n");

    return 0;

}
```