

DAILY ONLINE ACTIVITIES SUMMARY

Date:	13/07/2020	Name:	Prathiksha
Sem & Sec	8 th sem & B sec	USN:	4AL16CS070
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Introduction to Data Science in Python.		
Certificate Provider	Coursera	Duration	4 weeks
Coding Challenges			
Problem Statement: 1. Linear Search In Java Program.			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Prathiksha	
Uploaded the report in slack		Yes	

Online Test Details:

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Certification Course Details:

Introduction to Data Science in Pythor > Week 1 > Advanced I

Advanced Python Objects, map()

Advanced Python Objects , map()

INTRODUCTION TO DATA
SCIENCE IN PYTHON



The map() function

map(*function*, *iterable*, ...)

Return an iterator that applies *function* to every item of *iterable*, yielding the results. If additional *iterable* arguments are passed, *function* must take that many arguments and is applied to the items from all iterables in parallel. With multiple iterables, the iterator stops when the shortest iterable is exhausted. For cases where the function inputs are already arranged into argument tuples, see [itertools.starmap\(\)](#).

Topic: Understanding data science.

Coding Challenges Details:

Program 1:

```
class Example1
{
    public static void main(String args[])
    {
        int i,key=9;
        int a[]={1,4,7,9,10};
        for (i= 0; i < a.length; i++)
        {
            if (a[i] == key)
            {
                System.out.println(key+" is present at location "+(i+1));
                break;
            }
        }
        if (i == a.length)
            System.out.println(key + " doesn't exist in array.");
    }
}
```

Output:

9 is present at location 4