

DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/06/2020	Name:	Prathiksha
Sem & Sec	8 th sem & B sec	USN:	4AL16CS070
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Artificial Intelligence in Python		
Certificate Provider	Great Learning Academy	Duration	7hrs
Coding Challenges			
Problem Statement: 1. Arranging Strings in an Alphabetical Order in java.			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Prathiksha	
Uploaded the report in slack		Yes	

Online Test Details:

Not conducted.

Certification Course Details:

The screenshot shows a web browser window with the Great Learning website. The address bar shows the URL: olympus.greatlearning.in/courses/12381/pages/softmax-function?module_item_id=536380. The page title is "Softmax Function: Artificial Intelligence". The sidebar on the left lists "Learning Videos" with the following items: Agenda, History behind Neural Networks, Relationship between Biological Neuron and Artificial Neuron, Perceptron and Working Mechanism, Architecture of Artificial Neural Network, Types of Activation Functions, Softmax Function (highlighted), Forward Propagation, and Loss Function. The main content area displays a video titled "Introduction to machine learning" with a subtitle "SoftMax Function -". The video content includes a list of four points about the SoftMax function and a diagram of a neural network. The diagram shows an "Entire Network" box connected to an "Output Layer" with nodes nct_1 , $Op1$, nct_2 , $Op2$, ..., nct_n , Opn . These nodes are connected to a "Softmax" box, which outputs probabilities y_1 , y_2 , ..., y_n . The probabilities are shown as y_1 (0.07), y_2 (0.9), and y_n (0.03). The output classes are represented by icons: a car, a bicycle, and a sailboat. The video player shows a progress bar at 12:23 / 2:31. The Windows taskbar at the bottom shows the date and time as 10:54, 13-06-2020.

Topic : About Soft Max function.

Coding Challenges Details:

Program 1:

```
import java.util.Scanner;
public class JavaExample
{
    public static void main(String[] args)
    {
        int count;
        String temp;
        Scanner scan = new Scanner(System.in);

        System.out.print("Enter number of strings you would like to enter:");
        count = scan.nextInt();
```

```

String str[] = new String[count];
Scanner scan2 = new Scanner(System.in);
System.out.println("Enter the Strings one by one:");
for(int i = 0; i < count; i++)
{
    str[i] = scan2.nextLine();
}
scan.close();
scan2.close();

for (int i = 0; i < count; i++)
{
    for (int j = i + 1; j < count; j++) {
        if (str[i].compareTo(str[j])>0)
        {
            temp = str[i];
            str[i] = str[j];
            str[j] = temp;
        }
    }
}

System.out.print("Strings in Sorted Order:");
for (int i = 0; i <= count - 1; i++)
{
    System.out.print(str[i] + ", ");
}
}
}

```