

**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>07/06/2020</b>	<b>Name:</b>	<b>Gautham Prabhu</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS035</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>- -</b>		
<b>Max. Marks</b>	<b>- -</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>1) Neural Networks (ANN) using Keras and TensorFlow in Python 2) Learn CSS - For Beginners</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>5 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Write a program in C program to find the frequency of characters in a string</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

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## Certification Course Details:

### 1) Neural Networks (ANN) using Keras and TensorFlow in Python

The screenshot shows a web browser window displaying the Udemy course page for "Neural Networks (ANN) using Keras and TensorFlow in Python". The browser's address bar shows the URL: <https://www.udemy.com/course/neural-network-understanding-and-building-an-ann-in-pyth>. The page features a video player with a loading spinner and a settings menu open, showing options for resolution (720p, 480p, 360p, 144p, Auto) and autoplay (enabled). Below the video player, there are tabs for "Overview", "Q&A", "Bookmarks", and "Announcements". The "Overview" tab is active, showing the course title and a brief description: "Learn Artificial Neural Networks (ANN) in Python. Build predictive deep learning models using Keras & Tensorflow| Python". On the right side, there is a "Course content" sidebar listing sections and lessons. The sections listed are "Section 12: Complex ANN Architectures using Functional API", "Section 13: Saving and Restoring Models", and "Section 14: Hyperparameter Tuning". The lessons listed are "30. Using Functional API for complex architectures", "31. Saving - Restoring Models and Using Callbacks", and "32. Hyperparameter Tuning".

Activities Firefox Web Browser Sun 12:29 PM

Neural Networks (ANN) using Keras and TensorFlow in Python | Udemy - Mozilla Firefox

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Course content

Section 12: Complex ANN Architectures using Functional API 1 / 1 | 13min

30. Using Functional API for complex architectures 13min

Section 13: Saving and Restoring Models 1 / 1 | 20min

31. Saving - Restoring Models and Using Callbacks 20min

Section 14: Hyperparameter Tuning 1 / 1 | 9min

32. Hyperparameter Tuning 9min

About this course

Learn Artificial Neural Networks (ANN) in Python. Build predictive deep learning models using Keras & Tensorflow| Python

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Course content

Section 15: Add-on 1: Data Preprocessing 19 / 19 | 2hr 5min

- 33. Gathering Business Knowledge 3min
- 34. Data Exploration 3min
- 35. The Dataset and the Data Dictionary 8min
- 36. Add-on Resources 1min Resources
- 37. Importing Data in Python 6min
- 38. Univariate analysis and EDD 4min
- 39. EDD in Python 17min

About this course

Learn Artificial Neural Networks (ANN) in Python. Build predictive deep learning models using Keras & Tensorflow| Python

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Course content

- 40. Outlier Treatment 4min
- 41. Outlier Treatment in Python 14min
- 42. Missing Value Imputation 4min
- 43. Missing Value Imputation in Python 5min
- 44. Seasonality in Data 4min
- 45. Bi-variate analysis and Variable transformation 16min
- 46. Variable transformation and deletion in Python 9min
- 47. Non-usable variables 5min

About this course

Learn Artificial Neural Networks (ANN) in Python. Build predictive deep learning models using Keras & Tensorflow| Python

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Course content

- 4min
- 45. Bi-variate analysis and Variable transformation 16min
- 46. Variable transformation and deletion in Python 9min
- 47. Non-usable variables 5min
- 48. Dummy variable creation: Handling qualitative data 5min
- 49. Dummy variable creation in Python 6min
- 50. Correlation Analysis 10min
- 51. Correlation Analysis in Python 7min

Overview Q&A Bookmarks Announcements

About this course

Learn Artificial Neural Networks (ANN) in Python. Build predictive deep learning models using Keras & Tensorflow Python

## 2) Learn CSS - For Beginners

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https://www.udemy.com/course/learn-css-for-beginners/learn/lecture/14509586#overview

Udemy Learn CSS - For Beginners Leave a rating Get certificate Share

Course content

Section 1: CSS Development 31 / 31 | 1hr 46min

- 1. Introduction to CSS 4min Resources
- 2. Parts of a CSS Rule 7min
- 3. Types of CSS Rules 3min
- 4. CSS - Color Names and Codes 2min
- 5. CSS Classes and Spans 6min
- 6. CSS Divisions - DIVs 3min
- 7. CSS IDs 6min
- 8. CSS Margins

Overview Q&A Bookmarks Announcements

About this course

Learn to Work with Cascading Style Sheets

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Course content

- 9. CSS Padding 2min
- 10. CSS Text Properties 8min
- 11. CSS Font Properties 3min
- 12. CSS Borders 2min
- 13. CSS Backgrounds 6min
- 14. CSS Transparency 3min
- 15. CSS Text on Top of Images 5min
- 16. CSS Width and Height Properties 6min
- 17. CSS Display Properties

Overview Q&A Bookmarks Announcements

### About this course

Learn to Work with Cascading Style Sheets

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Course content

- 18. CSS Static Positioning 2min
- 19. CSS Relative Positioning 4min
- 20. CSS Absolute Positioning 2min
- 21. CSS Fixed Positioning 2min
- 22. CSS Float Property 2min
- 23. CSS Clear Property 1min
- 24. CSS Z-Index 2min
- 25. CSS Styling Links 2min
- 26. CSS Table

Overview Q&A Bookmarks Announcements

### About this course

Learn to Work with Cascading Style Sheets



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https://www.udemy.com/course/learn-css-for-beginners/learn/lecture/14509586#overview

Course content

- 23. CSS Clear Property 1min
- 24. CSS Z-Index 2min
- 25. CSS Styling Links 2min
- 26. CSS Tables 2min
- 27. CSS Project - Introduction 1min
- 28. CSS Project - CSS Rules 6min
- 29. CSS Project - Navigation Rules 2min
- 30. CSS Project - Responsive CSS 3min
- 31. CSS Project - Page Elements 3min

Overview Q&A Bookmarks Announcements

### About this course

Learn to Work with Cascading Style Sheets

By the numbers

Skill level: Beginner Level	Lectures: 31
Students: 40068	Video: 2 total hours
Languages: English	
Captions: Yes	



## Coding challenge:

### Program 1:

```
#include <stdio.h>
```

```
#include <string.h>
```

```
int main()
```

```
{
```

```
    char str[100];
```

```
    int i;
```

```
    int freq[256] = {0};
```

```
    printf("Enter a string\n");
```

```
    gets(str);
```

```
    for(i = 0; str[i] != '\0'; i++)
```

```
    {
```

```
        freq[str[i]]++;
```

```
    }
```

```
    for(i = 0; i < 256; i++)
```

```
    {
```

```
        if(freq[i] != 0)
```

```
        {
```

```
            printf("%c %d\n", i, freq[i]);
```

```
}  
  
}  
  
return 0;  
  
}
```

