DAILY ONLINE ACTIVITIES SUMMARY

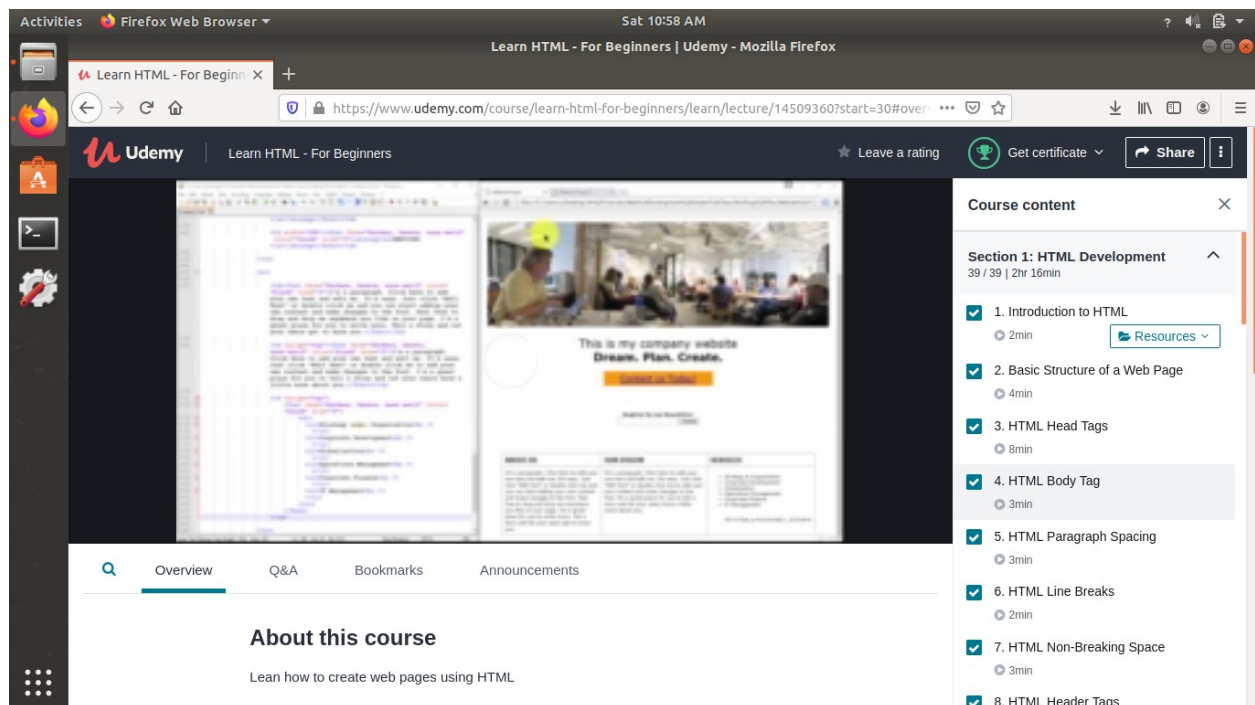| Date:	06/06/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035

<table>
<tr><td colspan="4" align="center">Online Test Summary</td></tr>
<tr><td>Subject</td><td colspan="3">Internet of Things</td></tr>
<tr><td>Max. Marks</td><td>30</td><td>Score</td><td>30</td></tr>
<tr><td colspan="4" align="center">Certification Course Summary</td></tr>
<tr><td>Course</td><td colspan="3">1) Neural Networks (ANN) using Keras and TensorFlow in Python
2) Learn HTML - For Beginners</td></tr>
<tr><td>Certificate Provider</td><td>Udemy</td><td>Duration</td><td>3 hrs</td></tr>
<tr><td colspan="4" align="center">Coding Challenges</td></tr>
<tr><td colspan="4">Problem Statement: Write a program in C to rotate an array by N positions.</td></tr>
<tr><td colspan="4">Status: Completed</td></tr>
<tr><td colspan="2">Uploaded the report in Github</td><td colspan="2">Yes</td></tr>
<tr><td colspan="2">If yes Repository name</td><td colspan="2">Daily_report</td></tr>
<tr><td colspan="2">Uploaded the report in slack</td><td colspan="2">yes</td></tr>
</table>

Online Test Details:
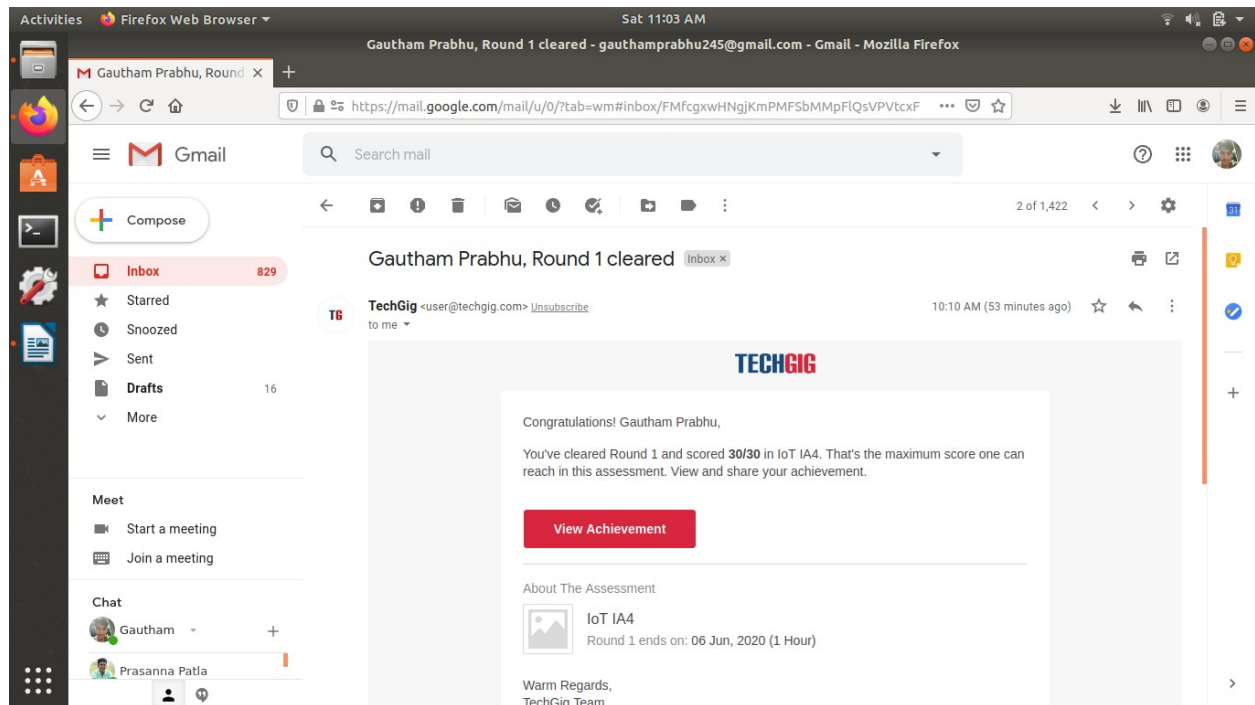
Certification Course Details: 1) Learn HTML - For Beginners

Learn HTML - For Beginners | Udemy - Mozilla Firefox

🦝 Learn HTML - For Beginn ✕ ＋

← → C ⌂ 🛡 🔒 https://www.udemy.com/course/learn-html-for-beginners/learn/lecture/14509360?start=30#over ⋯ ♡ ☆ ⬇ \\\ 🔲 ☺ ≡

𝒰 Udemy ┃ Learn HTML - For Beginners　　　　　　★ Leave a rating　🏆 Get certificate ∨　↱ Share　⋮

Course content　　✕

☑ 9. HTML Text Formatting and
Decoration
　⏺ 5min

☑ 10. HTML Inline Text Formatting
　⏺ 2min

☑ 11. HTML Unordered Lists
　⏺ 3min

☑ 12. HTML Ordered Lists
　⏺ 3min

☑ 13. HTML Image Insertion
　⏺ 4min

☑ 14. HTML Embedding Videos
　⏺ 3min

☑ 15. HTML Absolute vs. Relative File
Referencing
　⏺ 2min

☑ 16. HTML Link Creation
　⏺ 7min

🔍 **Overview**　　Q&A　　Bookmarks　　Announcements

About this course

Lean how to create web pages using HTML

Learn HTML - For Beginners | Udemy - Mozilla Firefox

🦝 Learn HTML - For Beginn ✕ ＋

← → C ⌂ 🛡 🔒 https://www.udemy.com/course/learn-html-for-beginners/learn/lecture/14509360?start=30#over ⋯ ♡ ☆ ⬇ \\\ 🔲 ☺ ≡

𝒰 Udemy ┃ Learn HTML - For Beginners　　　　　　★ Leave a rating　🏆 Get certificate ∨　↱ Share　⋮

Course content　　✕

☑ 17. HTML Anchor Tags
　⏺ 6min

☑ 18. HTML Tables
　⏺ 11min

☑ 19. HTML Nested Tables
　⏺ 6min

☑ 20. HTML Merging Cells
　⏺ 1min

☑ 21. HTML Text Wrapping
　⏺ 1min

☑ 22. HTML Table Background Image
　⏺ 1min

☑ 23. HTML Cell Alignment
　⏺ 1min

☑ 24. HTML - Introduction to Forms
　⏺ 4min

☑ 25. HTML Form Tags and Attributes

🔍 **Overview**　　Q&A　　Bookmarks　　Announcements

About this course

Lean how to create web pages using HTML

Udemy | Learn HTML - For Beginners   ⭐ Leave a rating   🏆 Get certificate ⌄   ↗ Share   ⋮

Course content   ✕

☑ 26. HTML Forms - Post vs Get
    ⏺ 2min

☑ 27. HTML Forms - Input Text Fields
    ⏺ 4min

☑ 28. HTML Forms - Select Menus
    ⏺ 6min

☑ 29. HTML Forms - Check Boxes and
    Radio Buttons
    ⏺ 6min

☑ 30. HTML Forms - Text Areas and
    Buttons
    ⏺ 6min

☑ 31. HTML Iframes
    ⏺ 4min

☑ 32. HTML Project - Introduction
    ⏺ 2min

☑ 33. HTML Project - Header
    ⏺ 4min

Q   Overview   Q&A   Bookmarks   Announcements

About this course

Lean how to create web pages using HTML

Course content   ✕

    ⏺ 6min

☑ 31. HTML Iframes
    ⏺ 4min

☑ 32. HTML Project - Introduction
    ⏺ 2min

☑ 33. HTML Project - Header
    ⏺ 4min

☑ 34. HTML Project - Callout
    ⏺ 3min

☑ 35. HTML Project - Image Insertion
    ⏺ 2min

☑ 36. HTML Project - Text Insertion
    ⏺ 1min

☑ 37. HTML Project - Links and Form
    ⏺ 3min

☑ 38. HTML Project - Tabular Data
    ⏺ 2min

☑ 39. HTML Project - Footer
    ⏺ 1min

Q   Overview   Q&A   Bookmarks   Announcements

About this course

Lean how to create web pages using HTML

By the numbers   Skill level: Beginner Level   Lectures: 39
                      Students: 42784   Video: 2.5 total hours
                      Languages: English
                      Captions: Yes

Certificate no: **UC-af819d86-5a3b-498d-bfe0-6e934386600a**
Certificate url: **ude.my/UC-af819d86-5a3b-498d-bfe0-6e934386600a**

2) Neural Networks (ANN) using Keras and TensorFlow in Python

Coding challenge:

Peogram 1:

```c
#include <stdio.h>

void leftRotatebyOne(int arr[], int n);

void leftRotate(int arr[], int d, int n)

{

    int i;

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

        leftRotatebyOne(arr, n);

}

void leftRotatebyOne(int arr[], int n)

{

    int temp = arr[0], i;

    for (i = 0; i < n - 1; i++)

        arr[i] = arr[i + 1];

    arr[i] = temp;

}

void printArray(int arr[], int n)

{

    int i;

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

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

                                printf("\n");
}
int main()
{
                                int n,d;

                                printf("Enter the size of array : ");

                                scanf("%d",&n);

                                int arr[n];

                                printf("\nEnter the array elements :\n");

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

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

                                printf("Enter the Position N from where you want to
rotate : ");

                                scanf("%d",&d);

                                leftRotate(arr, d, n);

                                printArray(arr, n);

                                return 0;
}
```

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```
                           gautham@gautham-prabhu: ~/work/c                    ⊟ ⊡ ⊠
File  Edit  View  Search  Terminal  Help
gautham@gautham-prabhu:~$ cd work/c/
gautham@gautham-prabhu:~/work/c$ gcc array_rotation.c -o array_rotation
gautham@gautham-prabhu:~/work/c$ ./array_rotation
Enter the size of array : 6

Enter the array elements :
1 2 3 4 5 6
Enter the Position N from where you want to rotate : 3
4 5 6 1 2 3
gautham@gautham-prabhu:~/work/c$ ☐
```

Screenshot   wp4576416   wp4576379   37177.jpg   1411706-
from 2020-   -blade-of-   -blade-of-   beautiful-
06-06 10-55- demon-d...   demon-d...   boku-no-...
44.png