

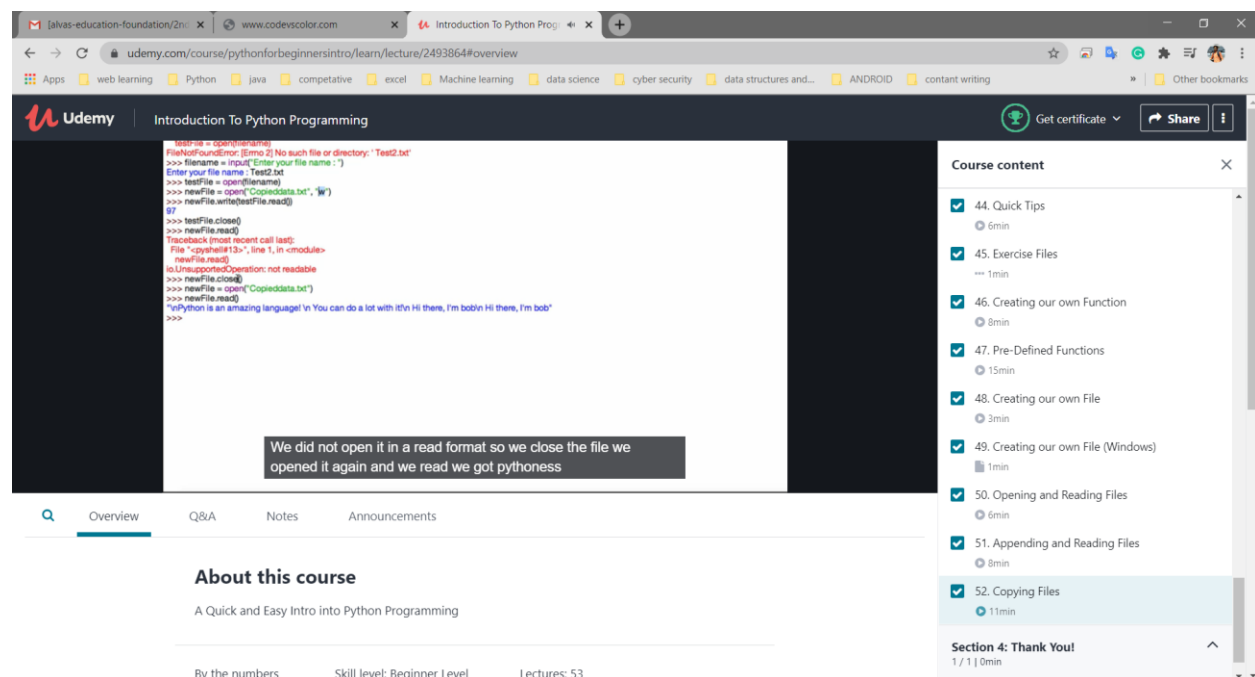
DAILY ONLINE ACTIVITIES SUMMARY

Date:	01/07/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4th Sem & 'A' Sec	USN:	4AL18CS045
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Introduction To Python Programming		
Certificate Provider	Udemy	Duration	4.5 Hours
Coding Challenges			
Problem Statement: 1.Python program to sort the values of one list using the second list. 2. C program to find nth ugly number.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF	
Uploaded the report in slack		Yes	

Online Test Details: Today test was not conducted.

Certification Course Details: Today I continued the same course that is “Introduction to Python Programming”. This course was about 4.5 hours of Duration and i completed this course. I uploaded this course certificate in the folder named “Completed course certificates”. Today I had studied All the Basics of Python.

Snapshot:



Above is the Snapshot of today's certification course.

Coding Challenges Details: I had completed two program tasks today. one is Python program that is given by Prof Vasudev and the second is C program given by Prof Venkatesh. I had solved the program and uploaded the code in Github. The problem statements were:

1. Python program to sort the values of one list using the second list.

Examples:

Input :

```
list1 = ["a", "b", "c", "d", "e", "f", "g", "h", "i"]
```

```
list2 = [ 0, 1, 1, 0, 1, 2, 2, 0, 1]
```

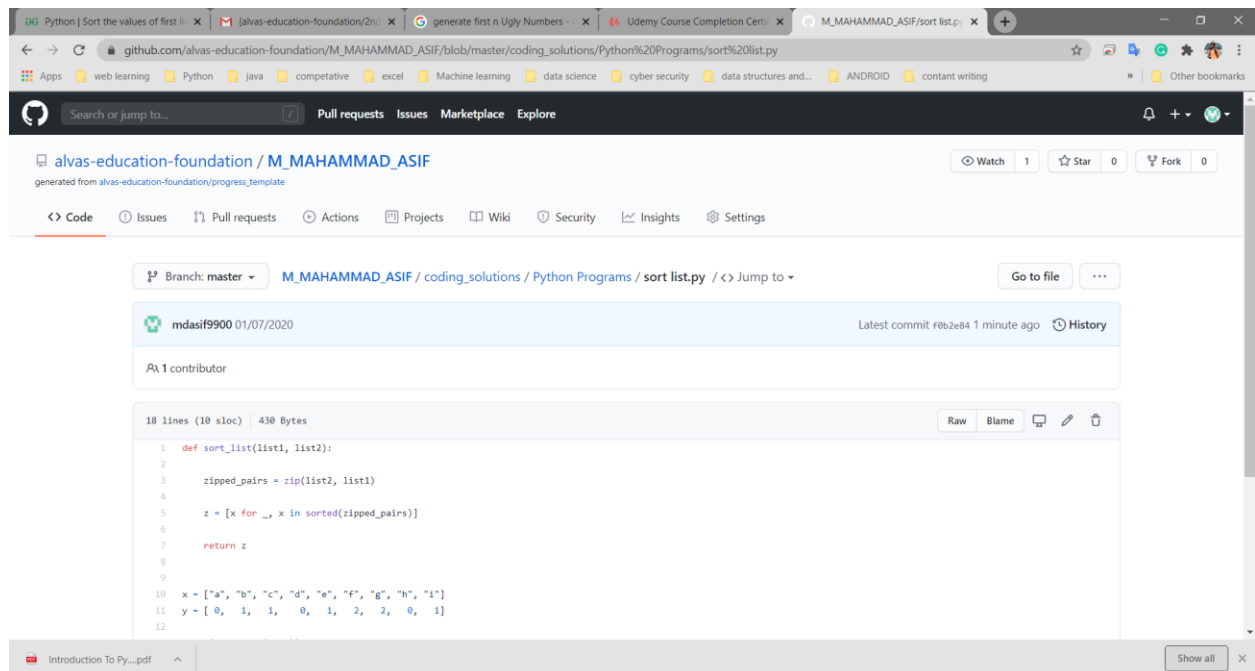
Output :

```
['a', 'd', 'h', 'b', 'c', 'e', 'i', 'f', 'g']
```

Input : list1 = ["g", "e", "e", "k", "s", "f", "o", "r", "g", "e", "e", "k", "s"]

list2 = [0, 1, 1, 0, 1, 2, 2, 0, 1] Output : ['g', 'k', 'r', 'e', 'e', 'g', 's', 'f', 'o']

Snapshot:

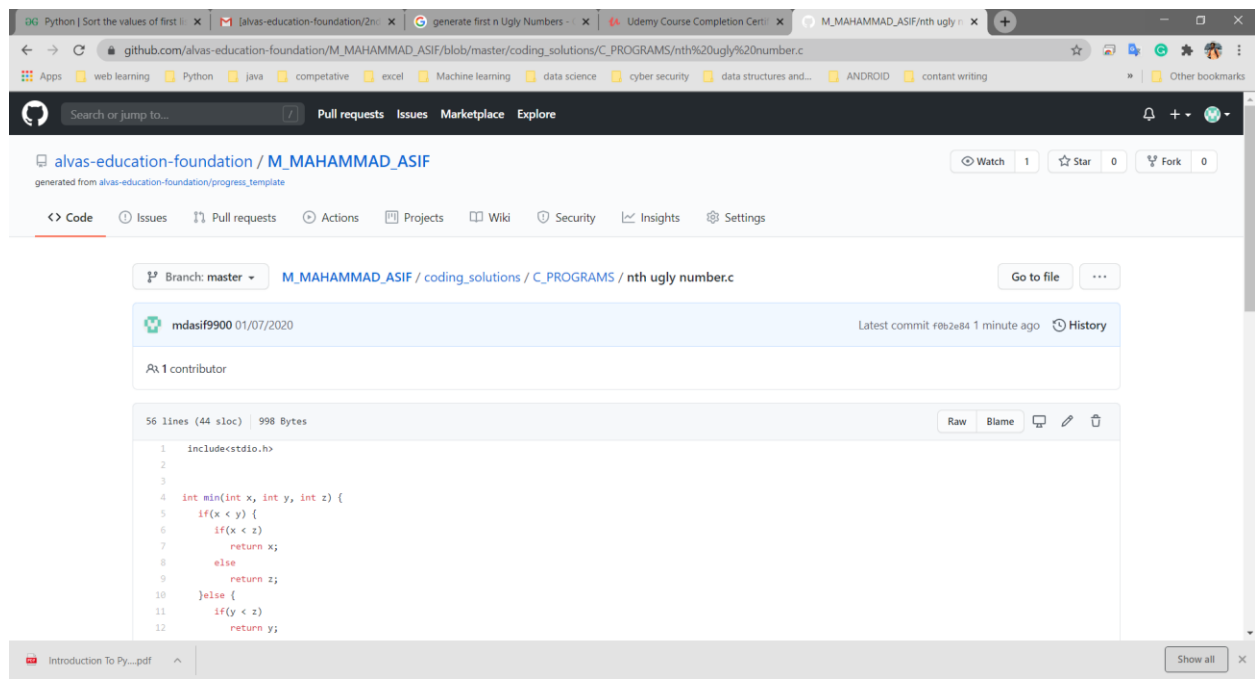


The screenshot shows a GitHub repository for 'alvas-education-foundation' by user 'M_MAHAMMAD_ASIF'. The file 'sort_list.py' is selected, showing its code. The code defines a function 'sort_list(list1, list2)' that sorts 'list1' based on the values in 'list2' using the 'zip' and 'sorted' functions. Below the function definition, there is a test case with 'list1' containing letters 'a' through 'i' and 'list2' containing corresponding indices [0, 1, 1, 0, 1, 2, 2, 0, 1]. The repository page includes a search bar, navigation links (Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings), and a commit history section showing a commit by 'mdasif9900' from 01/07/2020.

```
1 def sort_list(list1, list2):
2
3     zipped_pairs = zip(list2, list1)
4
5     z = [x for _, x in sorted(zipped_pairs)]
6
7     return z
8
9
10 x = ["a", "b", "c", "d", "e", "f", "g", "h", "i"]
11 y = [ 0, 1, 1, 0, 1, 2, 2, 0, 1]
```

2. C program to find nth ugly number.

Snapshot:



The screenshot shows a web browser displaying a GitHub repository page for the file `nth ugly number.c` within the `coding_solutions/C_PROGRAMS` directory of the `M_MAHAMMAD_ASIF` repository. The page header includes navigation links like 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The file's commit history shows a single commit by `mdasif9900` on 01/07/2020. The code itself is a C program that defines a function `min` to find the minimum of three integers and uses it to find the `n`th ugly number by iterating through numbers and checking if they are divisible by 2, 3, or 5.

```
1  include<stdio.h>
2
3
4  int min(int x, int y, int z) {
5      if(x < y) {
6          if(x < z)
7              return x;
8          else
9              return z;
10     }else {
11         if(y < z)
12             return y;
```