

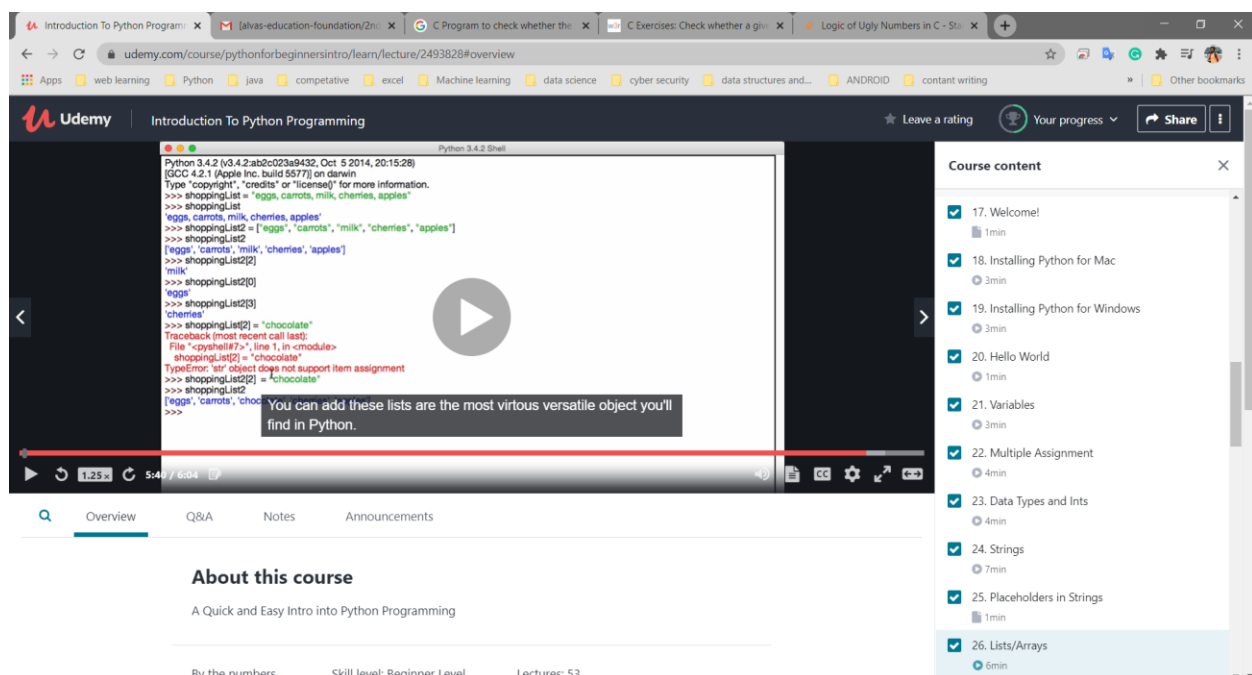
DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	<b>30/06/2020</b>	<b>Name:</b>	<b>M MAHAMMAD ASIF</b>
<b>Sem &amp; Sec</b>	<b>4<sup>th</sup> Sem &amp; 'A' Sec</b>	<b>USN:</b>	<b>4AL18CS045</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>Introduction To Python Programming</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>4.5 Hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1. C++ Program to Move all zeroes to end of array using Two-Pointers.</b>			
<b>2. C Program to check whether the number is Ugly or not.</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF">https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF</a>	
<b>Uploaded the report in slack</b>		<b>Yes</b>	

**Online Test Details:** Today test was not conducted.

**Certification Course Details:** Today I started new course that is “Introduction to Python Programming”. This course was about 4.5 hours of Duration. Today I had studied Up and Running with Python and All the Basics of Python.

**Snapshot:**



**Above is the Snapshot of today's certification course.**

**Coding Challenges Details:** Today Two program tasks was given. one is c++ program that is given by Prof Shilpa 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. C++ Program to Move all zeroes to end of array using Two-Pointers.

Given an array of random numbers, Push all the zero's of the given array to the end of the array. For example, if the given arrays is {1, 0, 2, 6, 0, 4}, it should be changed to {1, 2, 6, 4, 0, 0}. The order of all other elements should be the same.

Examples:

Input: arr[]={8, 9, 0, 1, 2, 0, 3}

Output: arr[]={8, 9, 1, 2, 3, 0, 0}

Explanation:

Swap {0 ,1} -> Resulting array {8, 9, 1, 0, 2, 0, 3}

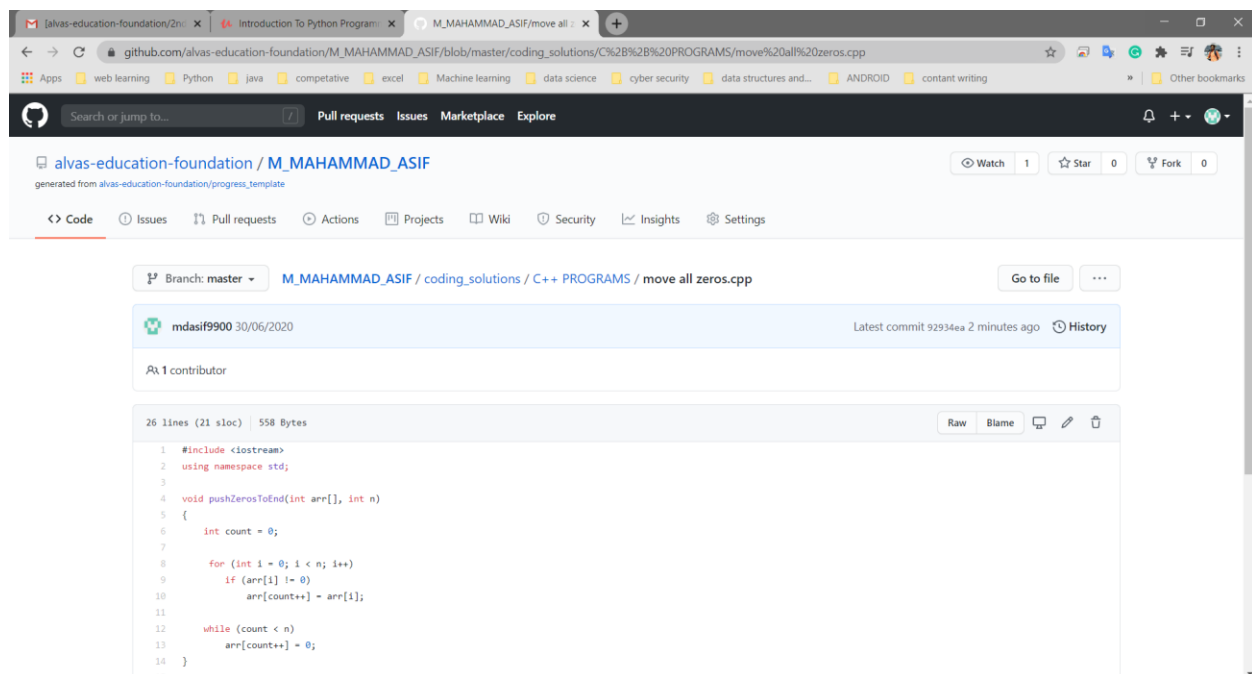
Swap {0 ,2} -> Resulting array {8, 9, 1, 2, 0, 0, 3}

Swap {0 ,3} -> Final array {8, 9, 1, 2, 3, 0, 0}

Input: arr[]={4, 5, 0, 0, 0, 0, 6, 7}

Output: arr[]={4, 5, 6, 7, 0, 0, 0, 0}

Snapshot:

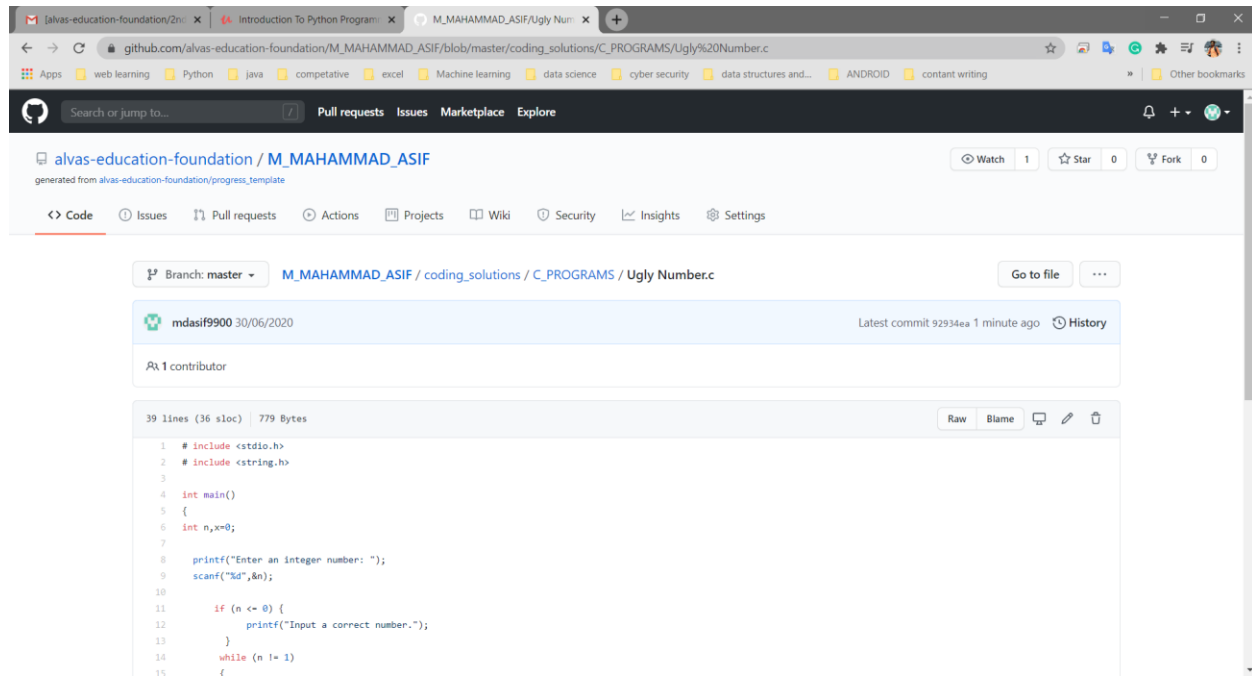


The screenshot shows a GitHub repository for 'alvas-education-foundation' with a file named 'move all zeros.cpp'. The code is written in C++ and implements a two-pointer algorithm to move all zeros to the end of an array. The code is as follows:

```
1 #include <iostream>
2 using namespace std;
3
4 void pushZerosToEnd(int arr[], int n)
5 {
6     int count = 0;
7
8     for (int i = 0; i < n; i++)
9         if (arr[i] != 0)
10             arr[count++] = arr[i];
11
12     while (count < n)
13         arr[count++] = 0;
14 }
15
```

## 2. C Program to check whether the number is Ugly or not

Snapshot:



The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / M\_MAHAMMAD\_ASIF'. The repository is generated from 'alvas-education-foundation/progress\_template'. The file path is 'M\_MAHAMMAD\_ASIF / coding\_solutions / C\_PROGRAMS / Ugly Number.c'. The file was committed by 'mdasif9900' on '30/06/2020'. The code is as follows:

```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main()
5 {
6     int n,x=0;
7
8     printf("Enter an integer number: ");
9     scanf("%d",&n);
10
11     if (n <= 0) {
12         printf("Input a correct number.");
13     }
14     while (n != 1)
15     {
```

**Pre-placement activities:** Today I attended online pre-placement training on the topic “C++ programming” conducted by the dept. of Computer Science And Engineering AIET. It was driven by Prof Shruthi Shetty J. After the class I attended the quiz.