

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/06/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Online Test Summary			
Subject	_____		
Max. Marks	_____	Score	_____
Certification Course Summary			
Course	linux for absolute beginners		
Certificate Provider	udemy	Duration	7.5hr
Coding Challenges			
1.Problem Statement: Python program to split array and move first part to end.			
2. Problem Statement: C++ Program to Sort a stack using a temporary stack.			
Status:			
Uploaded the report in Github		YES	
If yes Repository name		Priya_Nagari link: https://github.com/alvas-education-foundation/Priya_Nagari	
Uploaded the report in slack		YES	

Online Test Details:

NO TEST

Course Details:

Name of the course: linux for absolute beginners

certificate provider: udemy

duration: 7.5hrs

today I have just saw web development and its projects .

The screenshot shows a web browser displaying a Udemy course page for 'Linux for Absolute Beginners'. The browser's address bar shows the URL: [udemy.com/course/linux-system-admin/learn/lecture/6462648#overview](https://www.udemy.com/course/linux-system-admin/learn/lecture/6462648#overview). The main content area features a video player with a 'Hello World' web application interface. The video player has a progress bar at 0:10 / 6:28. Below the video player, there are tabs for 'Overview', 'Q&A', 'Notes', and 'Announcements'. The 'Overview' tab is selected, showing 'About this course' information: 'Get started with Linux, app development, server configuration, networking, and become a system administrator!'. Below this, it states 'By the numbers', 'Skill level: Beginner Level', 'Students: 168579', 'Lectures: 86', and 'Video: 7.5 total hours'. On the right side, there is a 'Course content' sidebar with a list of sections and lectures. Section 6, 'Web Development Project', is expanded, showing lectures 46 through 52. Section 7, 'Web Server Setup, Configuration, and App Deployment', is also visible, showing lectures 53 and 54. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system clock in the bottom right corner shows 22:40 on 23-06-2020.

Online Coding Details:

1.Problem Statement: Python Program to Split the array and add the first part to the end There is a given an array and split it from a specified position, and move the first part of array add to the end.

Examples:

Input: arr[] = {12, 10, 5, 6, 52, 36} k = 2

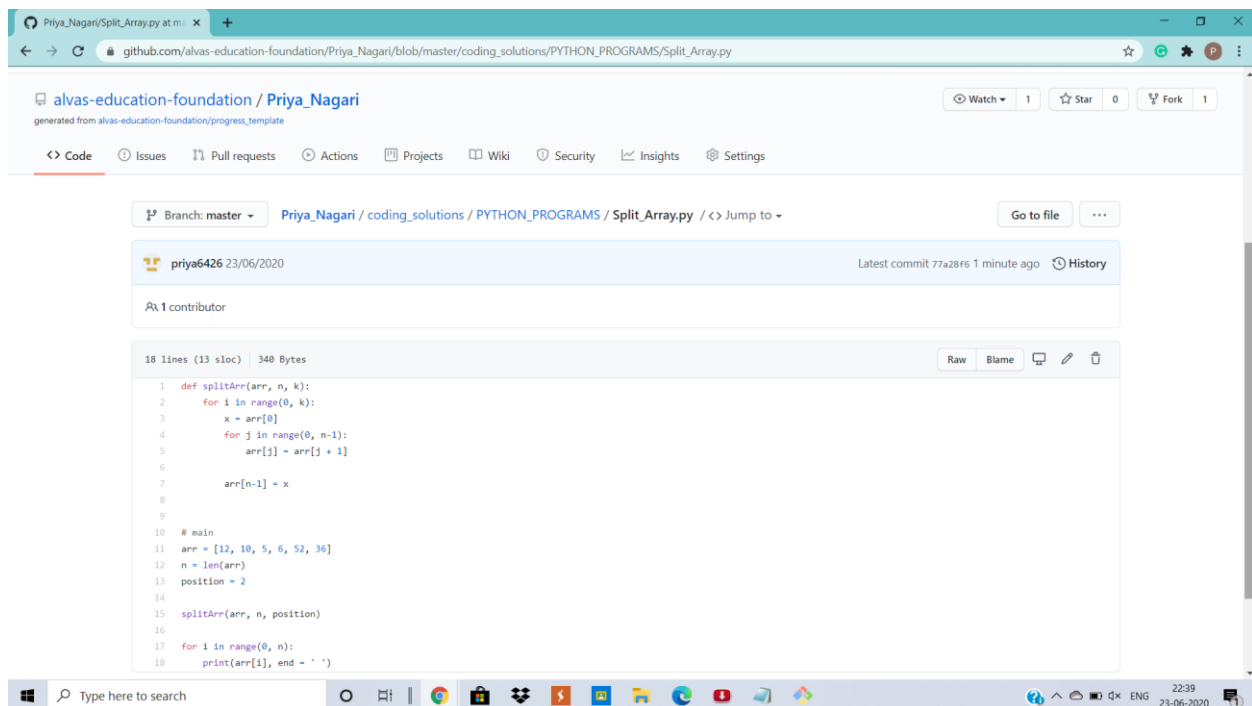
Output : arr[] = {5, 6, 52, 36, 12, 10}

Explanation : Split from index 2 and first part {12, 10} add to the end .

Input : arr[] = {3, 1, 2} k = 1

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

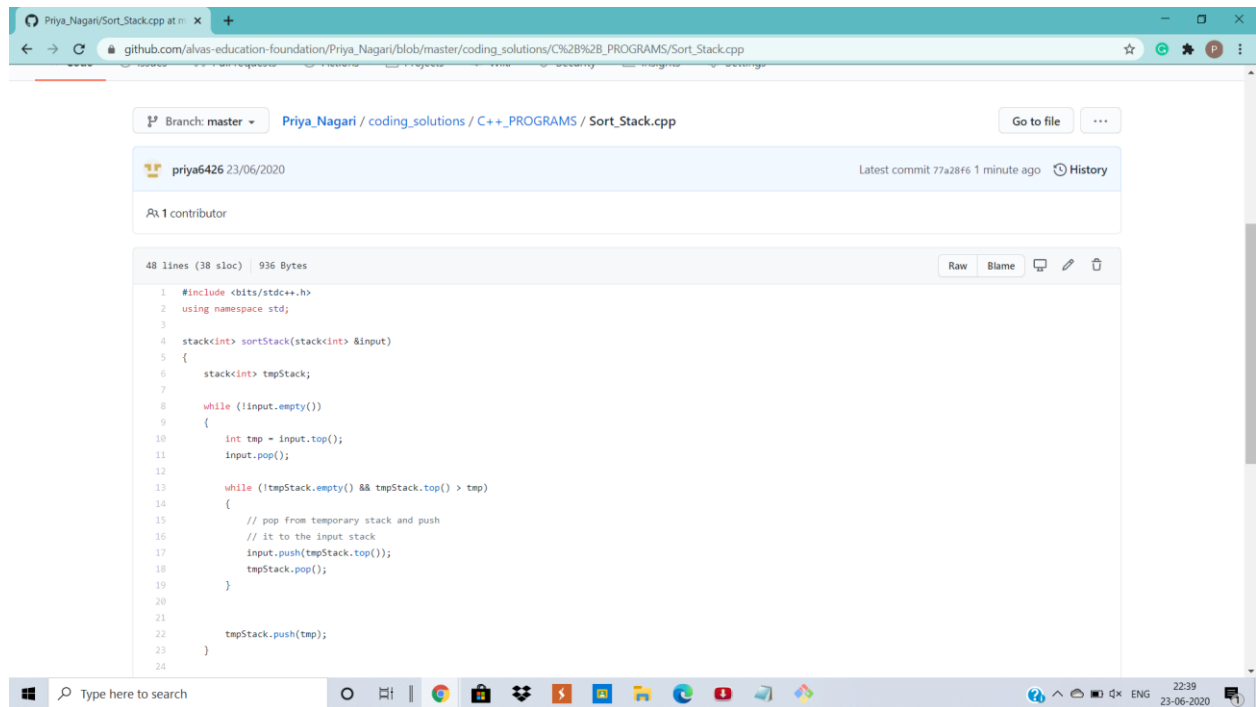
Explanation : Split from index 1 and first part add to the end.



The screenshot shows a GitHub repository page for 'alvas-education-foundation / Priya_Nagari'. The file 'Split_Array.py' is selected, showing its code. The code defines a function 'splitArr(arr, n, k)' that splits an array at index 'k' and appends the first part to the end. The main function initializes an array 'arr = [12, 10, 5, 6, 52, 36]', sets 'n = len(arr)' and 'position = 2', calls 'splitArr(arr, n, position)', and prints the result. The output of the program is '5 6 52 36 12 10'.

```
1 def splitArr(arr, n, k):
2     for i in range(0, k):
3         x = arr[i]
4         for j in range(0, n-1):
5             arr[j] = arr[j+1]
6
7         arr[n-1] = x
8
9
10 # main
11 arr = [12, 10, 5, 6, 52, 36]
12 n = len(arr)
13 position = 2
14
15 splitArr(arr, n, position)
16
17 for i in range(0, n):
18     print(arr[i], end = ' ')
```

2. Problem Statement: C++ Program to Sort a stack using a temporary stack.



The screenshot shows a GitHub web interface for a repository named 'Priya_Nagari / coding_solutions / C++_PROGRAMS / Sort_Stack.cpp'. The file is 48 lines long, 38 sloc, and 936 bytes. The code is a C++ program that sorts a stack using a temporary stack. The code is as follows:

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 stack<int> sortStack(stack<int> &input)
5 {
6     stack<int> tmpStack;
7
8     while (!input.empty())
9     {
10         int tmp = input.top();
11         input.pop();
12
13         while (!tmpStack.empty() && tmpStack.top() > tmp)
14         {
15             // pop from temporary stack and push
16             // it to the input stack
17             input.push(tmpStack.top());
18             tmpStack.pop();
19         }
20
21         tmpStack.push(tmp);
22     }
23
24 }
```

Webinar details:

Today I attended the webinar on the topic “Internet of Things-Opportunities and Challenges” conducted by the dept. of Computer Science And Engineering AIET. Webinar was taken by Asst.Prof Sushanth. After the webinar I attended the quiz. The quiz consists of 15 MCQs of one mark each. I had scored 12 marks out of 15 marks.

Snapshot:

Test Completed!

You have successfully participated in Webinar IoT.

Rate this Test

Your Rating: ★★★★★ Click to Rate

Results

Analytics



MCQ

Your Score **12** / 15