

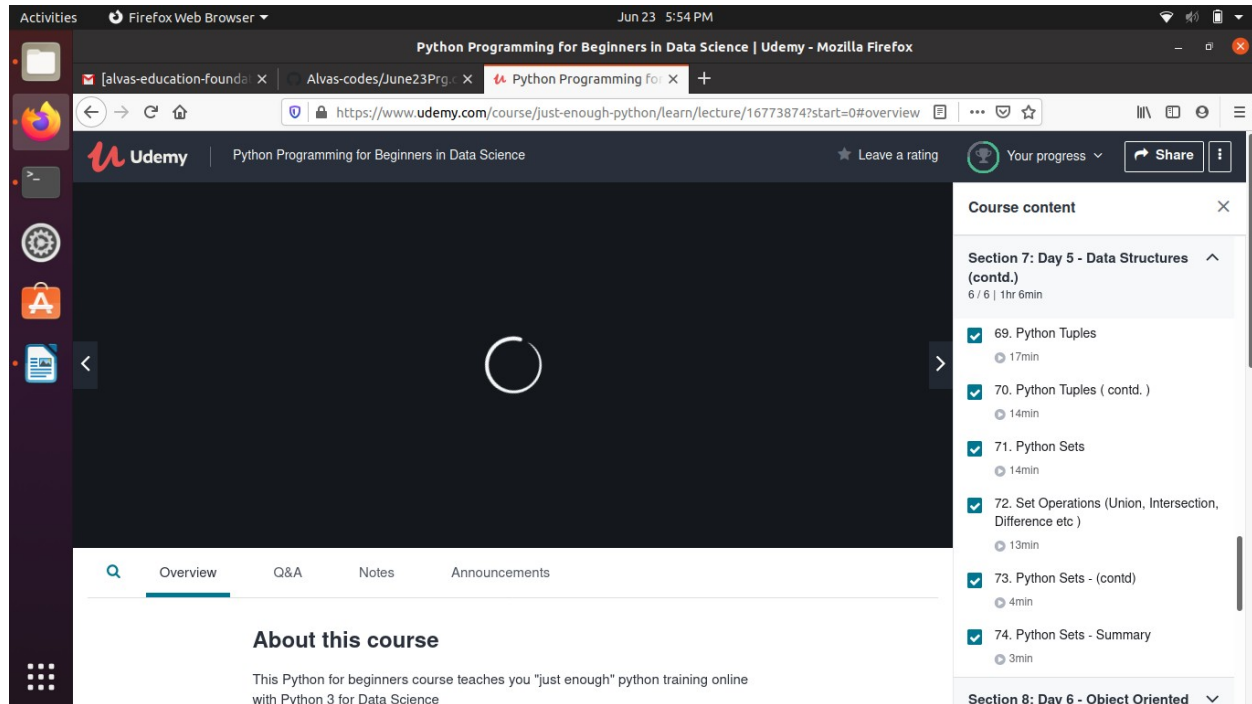
### **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>23/06/2020</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>Python Programming for Beginners in Data Science</b>		
<b>Certificate Provider</b>	<b>udemy.com/</b>	<b>Duration</b>	<b>4 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1) Write a C Program to Sort a stack using a temporary stack</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:

--

## Certification Course Details:



## Coding Challenges Details:

### Program 1:

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

```
int stack[100], temps[100], temp, choice, n, top, ttop, x, i;
```

```
void push(int x)
```

```
{
```

```
    top++;
```

```
    stack[top]=x;
}

void pop()
{
    temp = stack[top];

    top--;
}

void display()
{
    if(ttop>=0)
    {
        printf("\n The sorted elements in STACK \n");

        for(i=ttop; i>=0; i--)
            printf("\n%d",temps[i]);
    }
    else
    {
        printf("\n The STACK is empty");
    }
}
```

```
int main()

{

    top=-1;

    ttop = -1;

    printf("\n Enter the size of STACK[MAX=100]:");

    scanf("%d",&n);

    printf("Enter the elements in the stack:\n");

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

    {

        printf(" Enter a value to be pushed:");

        scanf("%d",&x);

        push(x);

    }


    while(top != -1)

    {

        pop();

        while(ttop != -1 && temps[ttop] > temp)

        {

            push(temps[ttop]);

            ttop--;
```

```

}

ttop++;

temps[ttop] = temp;

}

display();

}

```

