DAILY ONLINE ACTIVITIES SUMMARY

Date:	**21/05/2020**	**Name:**	**NIKHIL KUMAR**
Sem & Sec	**4th SEM. & 'B' SEC.**	**USN:**	**4AL19CS400**

Online Test Summary

Subject	**MICROCONTROLLER AND EMBADDED SYSTEM**		
Max. Marks	**30**	**Score**	**18**

Certification Course Summary

Course	**Python for Machine Learning**		
Certificate Provider	**Greatlearning academy**	**Duration**	**5 Hrs.**

Coding Challenges

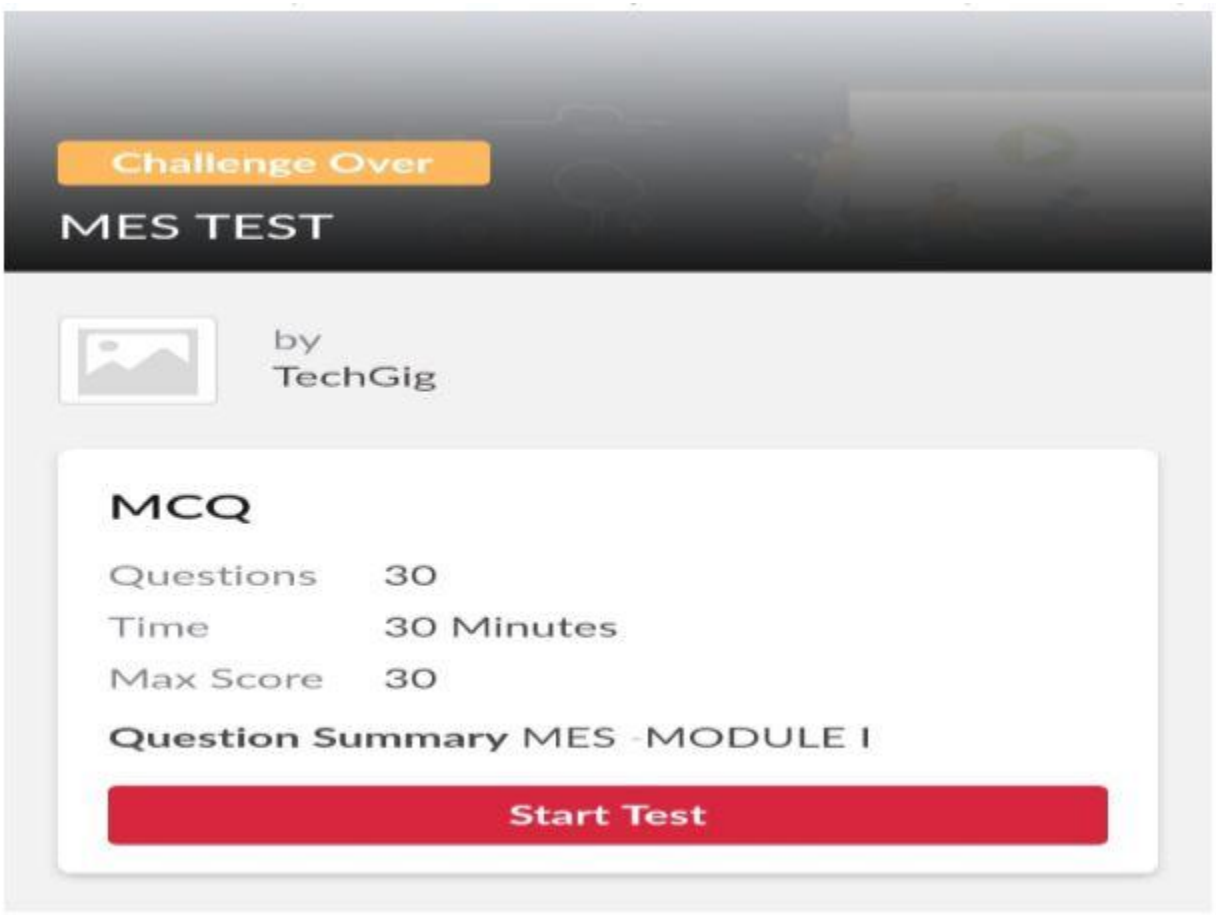
Problem Statement: Write a c program to construct a singly linked list by removing duplicate elements in the sorted linked list description:
Take a sorted list and traverse the list. compare the current node element with next adjacent node. If it is same than delete second element, if not retain. Finally print the resulting list.
Given list {1,2,2,3,3,3,4}
Resulting list {1,2,3,4}

Status:executed

Uploaded the report in Github	**Yes**
If yes Repository name	https://github.com/Nikhil401/C-Coding/blob/master/singlylinkedlist.c
Uploaded the report in slack	**Yes**

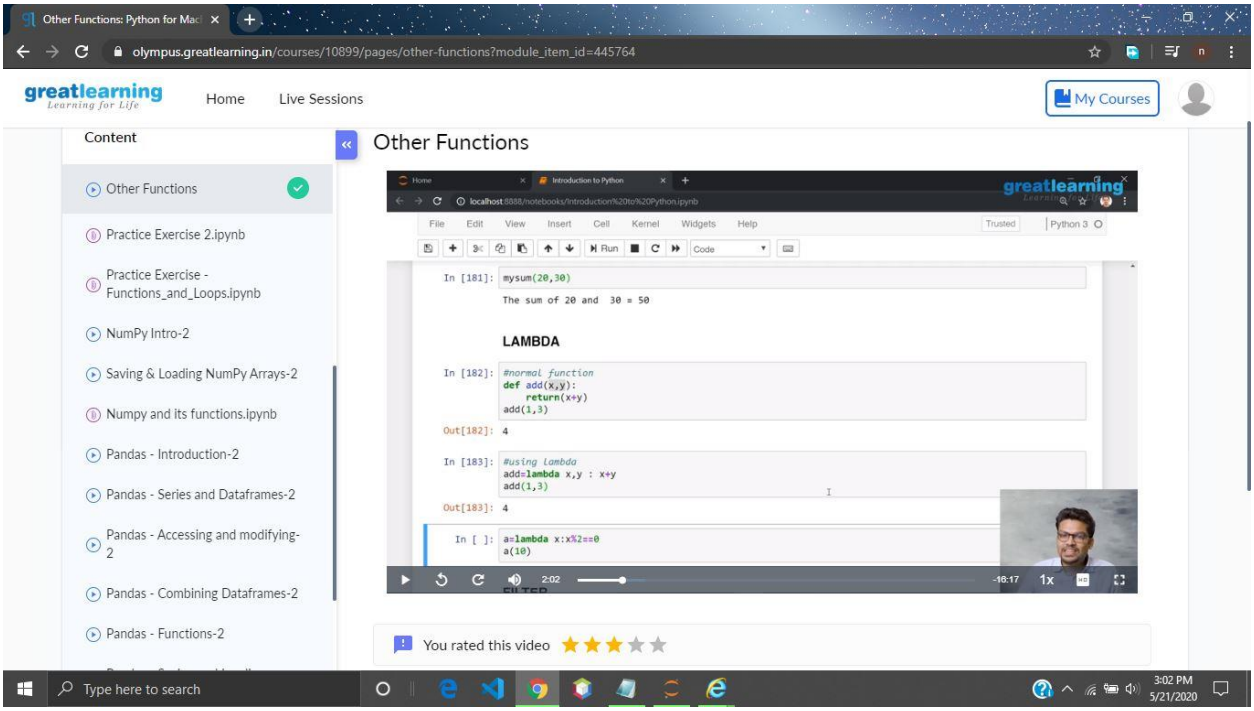
<u>Online Test Summary</u>: Online teat of Microcontroller and embedded system was conducted. It was based on first module. There was 30 questions of 1 mark each.

Snapshot :



<u>Online Certification Course Summary</u>: Today I have learnt something about which as follows:

1. **Lambda**
2. **Filter**
3. **Map**
4. **accumulator**


Other Functions: Python for Mac
olympus.greatlearning.in/courses/10899/pages/other-functions?module_item_id=445764
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Content
Other Functions
Practice Exercise 2.ipynb
Practice Exercise - Functions_and_Loops.ipynb
NumPy Intro-2
Saving & Loading NumPy Arrays-2
Numpy and its functions.ipynb
Pandas - Introduction-2
Pandas - Series and Dataframes-2
Pandas - Accessing and modifying-2
Pandas - Combining Dataframes-2
Pandas - Functions-2
Other Functions
In [181]: mysum(20,30)
The sum of 20 and 30 = 50
LAMBDA
In [182]: #normal function
def add(x,y):
return(x+y)
add(1,3)
Out[182]: 4
In [183]: #using lambda
add=lambda x,y : x+y
add(1,3)
Out[183]: 4
In [ ]: a=lambda x:x%2==0
a(10)
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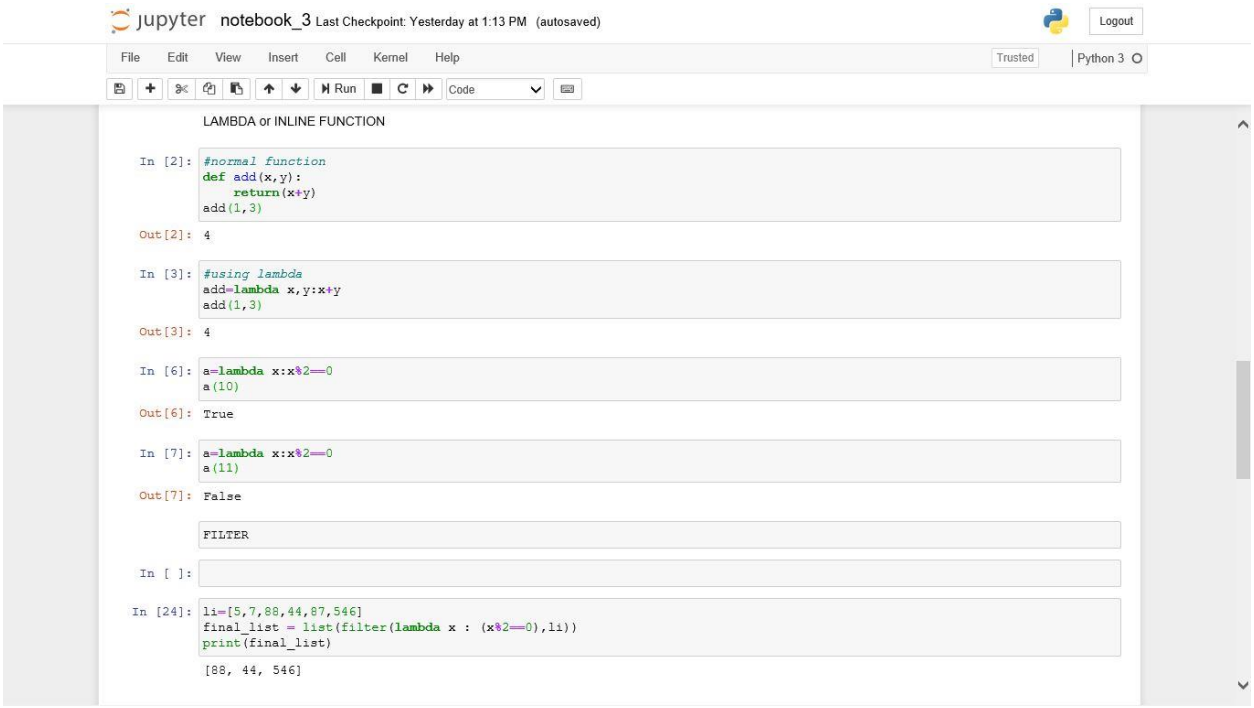
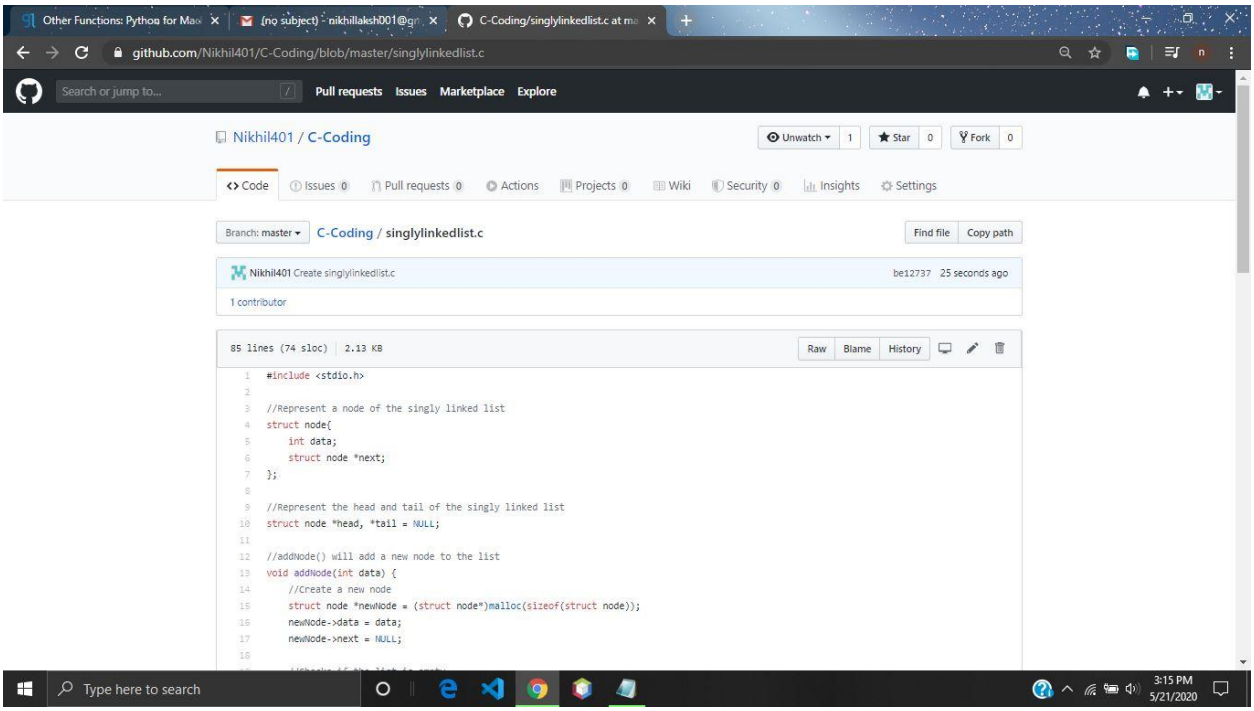
3:02 PM
5/21/2020


jupyter notebook_3 Last Checkpoint: Yesterday at 1:13 PM (autosaved)
Logout
File Edit View Insert Cell Kernel Help
Trusted
Python 3
Run
Code
LAMBDA or INLINE FUNCTION
In [2]: #normal function
def add(x,y):
return(x+y)
add(1,3)
Out[2]: 4
In [3]: #using lambda
add=lambda x,y:x+y
add(1,3)
Out[3]: 4
In [6]: a=lambda x:x%2==0
a(10)
Out[6]: True
In [7]: a=lambda x:x%2==0
a(11)
Out[7]: False
FILTER
In [ ]:
In [24]: li=[5,7,88,44,87,546]
final_list = list(filter(lambda x : (x%2==0),li))
print(final_list)
[88, 44, 546]

<u>Online Coding Summary</u> : Today I received one program from Merlyn Mathias CSE Dept. The program is mentioned above(pg.01). to my GitHub repository and I've shared the snapshot below.



Thank you.