

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	04/07/2020	<b>Name:</b>	Anagha Iyengar S
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem,A	<b>USN:</b>	4AL16CS011
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	CIDR notations		
<b>Certificate Provider</b>	AWS	<b>Duration</b>	30mints
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Python code to demonstrate checking of element existence using set() +			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		anaghaiyengar	
<b>Uploaded the report in slack</b>		Yes	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

```
# Python code to demonstrate checking of element existence using set() +  
in using sort() bisect_left() .
```

```
from bisect import bisect_left
```

```
# Initializing list
```

```
test_list_set = [ 1, 6, 3, 5, 3, 4 ]
```

```
test_list_bisect = [ 1, 6, 3, 5, 3, 4 ]
```

```
print("Checking if 4 exists in list ( using set() + in ) : ")
```

```
# Checking if 4 exists in list
```

```
# using set() + in
```

```
test_list_set = set(test_list_set)
```

```
if 4 in test_list_set :
```

```
    print ("Element Exists")
```

```
print("Checking if 4 exists in list ( using sort() + bisect_left() ) : ")
```

```
# Checking if 4 exists in list
```

```
# using sort() + bisect_left()
```

```
test_list_bisect.sort()
```

```
if bisect_left(test_list_bisect, 4):
```

```
    print ("Element Exists")
```