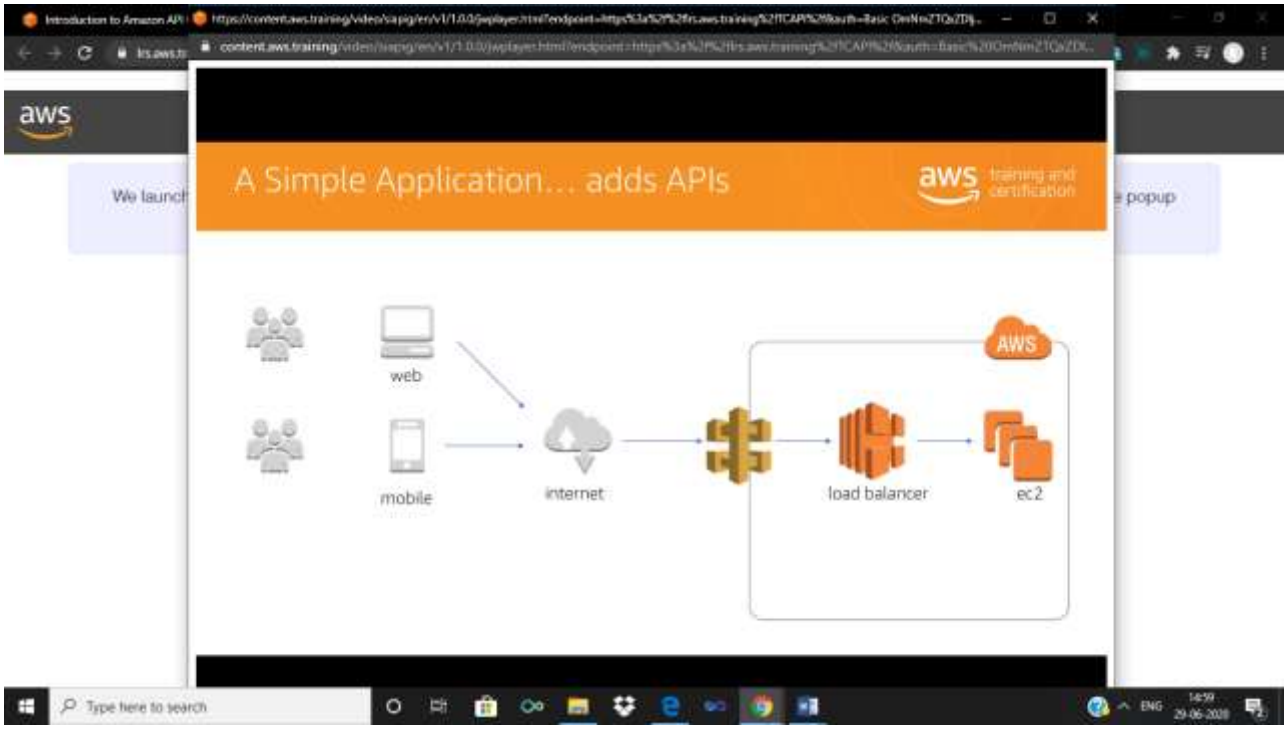
DAILY ONLINE ACTIVITIES SUMMARY

Date:	***28-06-2020***	***Name:***	**SAFNAAZ**
Sem & Sec	**8th B**	**USN:**	**4AL16CS081**
Online Test Summary			
Subject	-		
Max. Marks	-	***Score***	-
Certification Course Summary			
Course	**Amazon web service**		
Certificate Provider	**Aws**	***Duration***	***3 Hours***
Coding Challenges			
Problem Statement: **C Program for Binary Search.**			
Status: COMPLETED			
Uploaded the report in Github	**YES**		
If yes Repository name	**Safnaazsheikh**		
Uploaded the report in slack	***YES***		

Certification Course Details:



Coding challenges online details:

C Program for Binary Search.

```
#include <stdio.h>
int main()
{
int c, first, last, middle, n, search, array[100];
printf("Enter number of elements\n");
scanf("%d", &n);
printf("Enter %d integers\n", n);
for (c = 0; c < n; c++)
scanf("%d", &array[c]);
printf("Enter value to find\n");
scanf("%d", &search);
first = 0;
last = n - 1;
middle = (first+last)/2;
while (first <= last) {
if (array[middle] < search)
first = middle + 1;
else if (array[middle] == search) {
printf("%d found at location %d.\n", search, middle+1);
break;
}
else
```

```
last = middle - 1;
middle = (first + last)/2;
}
if (first > last)
printf("Not found! %d isn't present in the list.\n", search);
return 0;
}
```