DAILY ONLINE ACTIVITIES SUMMARY

Date:	**28-06-2020**	**Name:**	**Afrah Saleem**
Sem & Sec	**8th sem B sec**	**USN:**	**4AL16CS127**

Online Test Summary

Subject	-		
Max. Marks	-	**Score**	-

Certification Course Summary

Course	**Oops in java**		
Certificate Provider	**udemy**	**Duration**	**13 Hrs**

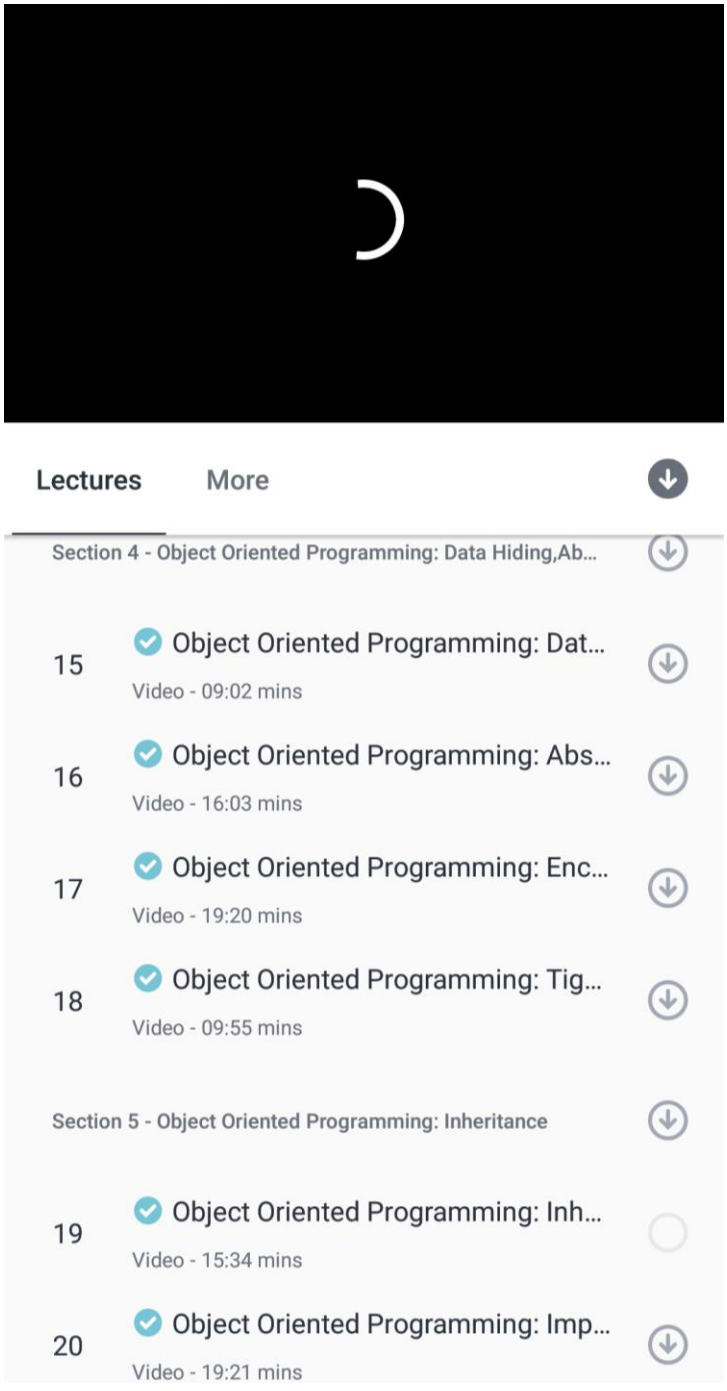
Coding Challenges

Problem Statement- : C program for Binary Search.

Status: completed

Uploaded the report in Github	**yes**
If yes Repository name	**afrah**
Uploaded the report in slack	**yes**

Certification Course Details:



Coding Challenges Details:

```
#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;
}
```