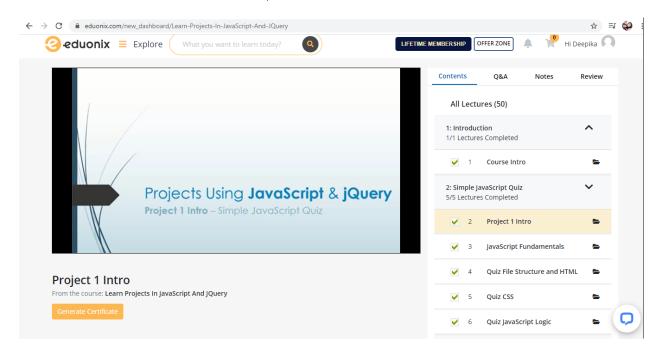
DAILY ONLINE ACTIVITIES SUMMARY

Date:	22-06-2020		Name:	Deepika K V	
Sem & Sec	8 th sem 'A	A' sec	USN:	4AL16CS030	
Online Test Summary					
Subject	SMS				
Max. Marks	60		Score	-	
Certification Course Summary					
Course Learn Projects in Javascript and JQuery					
Certificate Provider		eduonix	Duration		9 hrs
Coding Challenges					
Problem Statement: Write a python program to check the given binary tree is a valid binary search tree(BST) or not.					
Status: SUBMITTED					
Uploaded th	e report ir	n Github	YES		
If yes Repos	itory name	2	Codes		
Uploaded th	e report ir	ı slack	YES		

Online test details:

Certification Course Details:



Coding Challenge:

#include<stdio.h>

```
int check_palindrome(int n)
{
   int div = 1;
   while (n / div >= 10)
        div *= 10;

   while (n != 0)
   {
      int first = n / div;
      int last = n % 10;

        // If first and last digits are not same then return false
```

```
if (first != last)
             return -1;
        \ensuremath{//} Removing the leading and trailing digits from the number
        n = (n \% div) / 10;
        // Reducing divisor by a factor of 2 as 2 digits are dropped
        div = div / 100;
    }
    return 1;
}
int large_palindrome(int A[], int n)
{
    int i;
    // Sort the array
    for(int i=0; i<=n; i++)</pre>
        for(int j=i; j<= n; j++)</pre>
        {
             if(A[i] >A [j])
                 int temp = A[i];
                 A[i] = A[j];
                 A[j] = temp;
             }
        }
    }
    for(int i=0; i<n; i++)</pre>
        printf("%d ", A[i]);
    }
    for (i=n-1; i >= 0; i--)
    {
        if (check_palindrome(A[i]) == 1)
            return A[i];
    return -1;
```

```
int main()
{
    int a[15], n, i;
    printf("Enter the number of entries: \n");
    scanf("%d", &n);
    printf("Enter the elements: \n");
    for(i=0; i<n; i++)
        scanf("%d", &a[i]);
    printf("\n Largest Palindrome: %d", large_palindrome(a, n));
    return 0;
}
</pre>
```