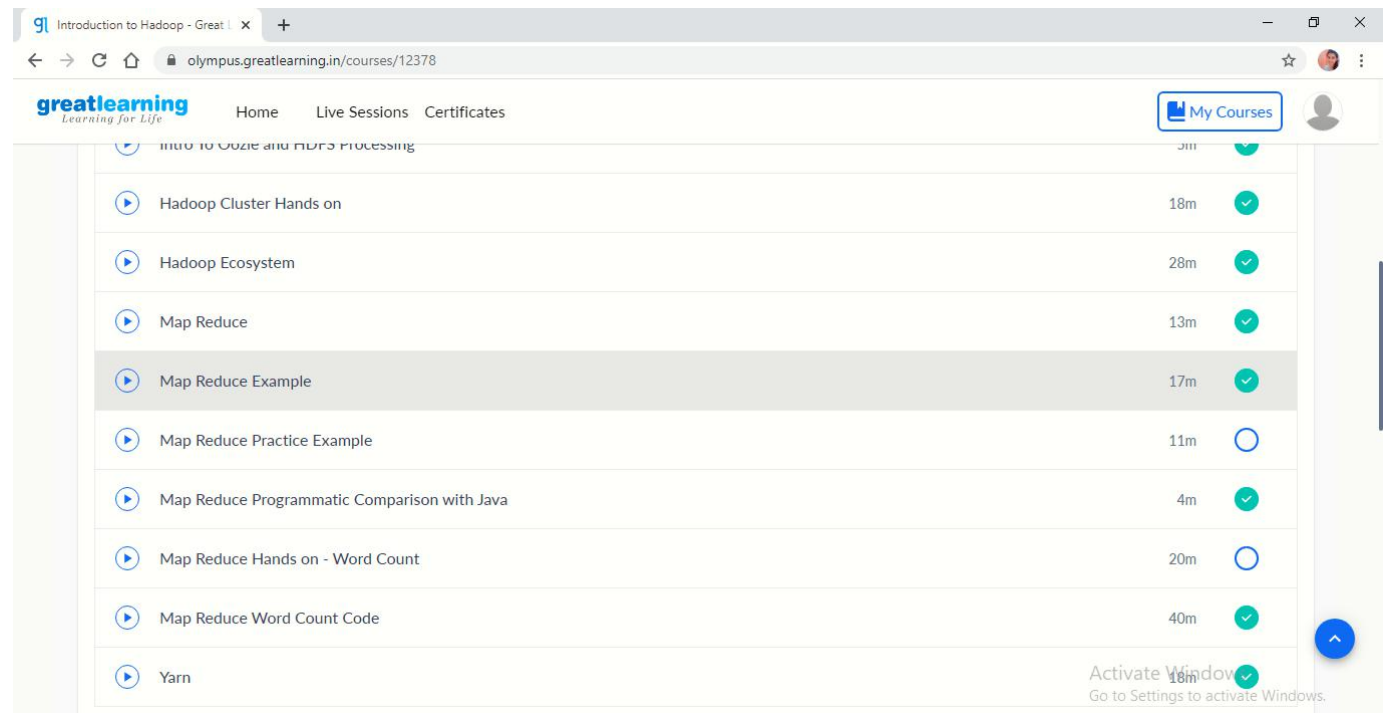


## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	14-06-2020	Name:	Shriraksha
Sem & Sec	8 <sup>th</sup> ,B	USN:	4AL16CS099
<b>Online Test Summary</b>			
Subject	--		
Max. Marks	--	Score	--
<b>Certification Course Summary</b>			
Course	Introduction to Hadoop		
Certificate Provider	Great Learning	Duration	4 Hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Python Program for QuickSort.			
<b>Status:</b> Solved			
Uploaded the report in Github		Yes	
If yes Repository name		alvas-education-foundation/ Shriraksha_k	
Uploaded the report in slack		Yes	

## Certiation Course Details:



The screenshot shows a web browser window with the URL `olympus.greatlearning.in/courses/12378`. The page header includes the Great Learning logo and navigation links: Home, Live Sessions, Certificates, and My Courses. The main content is a list of course modules, each with a play button icon, a title, a duration, and a completion status (green checkmark for completed, blue circle for not completed).

Module	Duration	Status
Intro to Hadoop and HDFS Processing	3m	Completed
Hadoop Cluster Hands on	18m	Completed
Hadoop Ecosystem	28m	Completed
Map Reduce	13m	Completed
Map Reduce Example	17m	Completed
Map Reduce Practice Example	11m	Not Completed
Map Reduce Programmatic Comparison with Java	4m	Completed
Map Reduce Hands on - Word Count	20m	Not Completed
Map Reduce Word Count Code	40m	Completed
Yarn	18m	Completed

## Coding Challenges:

# Python Program for QuickSort.

```
def partition(arr, low, high):
    i = ( low-1 )
    pivot = arr[high]

    for j in range(low , high):
        if arr[j] <= pivot:
            i = i+1
            arr[i], arr[j] = arr[j], arr[i]

    arr[i+1], arr[high] = arr[high], arr[i+1]
    return ( i+1 )

# Function to do Quick sort
def quickSort(arr, low, high):
    if low < high:
```

```
    pi = partition(arr,low,high)
    quickSort(arr, low, pi-1)
    quickSort(arr, pi+1, high)
arr = [10, 7, 8, 9, 1, 5]
n = len(arr)
quickSort(arr,0,n-1)
print ("Sorted array is:")
for i in range(n):
    print ("%d" %arr[i])
```