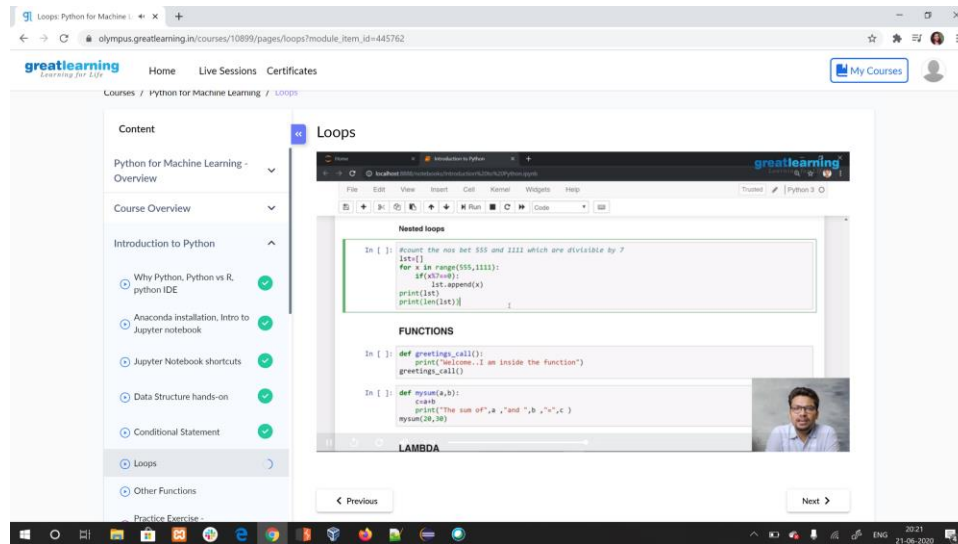


DAILY ONLINE ACTIVITIES SUMMARY

| | | | |
|---|-----------------------------|-----------------|-------------------|
| Date: | 23/06/2020 | Name: | Anitha Lakshmi TN |
| Sem & Sec | 8 th - A | USN: | 4AL16CS012 |
| Online Test Summary | | | |
| Subject | - | | |
| Max. Marks | - | Score | - |
| Certification Course Summary | | | |
| Course | Python for machine learning | | |
| Certificate Provider | Great learning | Duration | 5 hours |
| Coding Challenges | | | |
| Problem Statement: Java Program to Sort a Map By Values | | | |
| Status: Executed | | | |
| Uploaded the report in Github | | Yes | |
| If yes Repository name | | Anitha_lakshmi | |
| Uploaded the report in slack | | Yes | |

Certification Course Details:



Coding Challenges Details:

Java Program to Sort a Map By Values

```
import java.util.*;
```

```
public class SortMap {
```

```
    public static void main(String[] args) {
```

```
        LinkedHashMap<String, String> capitals =  
        new LinkedHashMap<>();
```

```
        capitals.put("Nepal", "Kathmandu");
```

```
        capitals.put("India", "New Delhi");
```

```
capitals.put("United States", "Washington");
```

```
capitals.put("England", "London");
```

```
capitals.put("Australia", "Canberra");
```

```
Map<String, String> result =  
sortMap(capitals);
```

```
for (Map.Entry<String, String> entry :  
result.entrySet())
```

```
{
```

```
    System.out.print("Key: " +  
entry.getKey());
```

```
    System.out.println(" Value: " +  
entry.getValue());
```

```
}
```

```
}
```

```
public static LinkedHashMap<String, String>  
sortMap(LinkedHashMap<String, String> map) {
```

```
    List<Map.Entry<String, String>> capitalList  
= new LinkedList<>(map.entrySet());
```

```
        Collections.sort(capitalList, (o1, o2) ->  
o1.getValue().compareTo(o2.getValue()));
```

```
        LinkedHashMap<String, String> result =  
new LinkedHashMap<>();
```

```
        for (Map.Entry<String, String> entry :  
capitalList)
```

```
        {  
  
            result.put(entry.getKey(),  
entry.getValue());  
  
        }
```

```
        return result;  
  
    }  
  
}
```