DAILY ONLINE ACTIVITIES SUMMARY

Date:	**06-07-2020**	**Name:**	**Pallavi I sutar**
Sem & Sec	**8th B**	**USN:**	**4al16cs061**

Online Test Summary

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

Certification Course Summary

Course	**1) Robotic Process Automation (RPA)** **2) Introduction to ethical hacking** **3) Introduction to cyber security** **4) Introduction to Hadoop**		
Certificate Provider	**1)Great learner Academy** 2)GUVI	**Duration**	**Ethical hacking - 6 Hrs** **Cyber Security - 7 Hrs** RAP:3.00hrs **Hadoop – 4 Hrs**

Coding Challenges

Problem Statement:

Python program to find ordered words

Status: solved

Uploaded the report in Github	**yes**
If yes Repository name	**Pallavi-sutar**
Uploaded the report in slack	**yes**

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

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Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Solution

```
import requests
# Scrapes the words from the URL below and stores
# them in a list
def getWords():
# contains about 2500 words
url = "http://www.puzzlers.org/pub/wordlists/unixdict.txt"
fetchData = requests.get(url)
# extracts the content of the webpage
wordList = fetchData.content
# decodes the UTF-8 encoded text and splits the
# string to turn it into a list of words
wordList = wordList.decode("utf-8").split()
return wordList
# function to determine whether a word is ordered or not
def isOrdered():
# fetching the wordList
```

```
collection = getWords()
# since the first few of the elements of the
# dictionary are numbers, getting rid of those
# numbers by slicing off the first 17 elements
collection = collection[16:]
word = ''
for word in collection:
result = 'Word is ordered'
i = 0
l = len(word) - 1
if (len(word) < 3): # skips the 1 and 2 lettered strings
continue
```

```
# traverses through all characters of the word in pairs
while i < l:
if (ord(word[i]) > ord(word[i+1])):
result = 'Word is not ordered'
break
else:
i += 1
# only printing the ordered words
if (result == 'Word is ordered'):
print(word,': ',result)
# execute isOrdered() function
if __name__ == '__main__':
isOrdered()
```