

DAILY ONLINE ACTIVITIES SUMMARY

Date:	06-07-2020	Name:	Manikya K
Sem & Sec	8 th ,A	USN:	4AL16CS050
Online Test Summary			
Subject	Not Conducted		
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) GUVI 2) Great learner academy	Duration	RPA – 4 Hrs Ethical hacking - 6 Hrs Cyber Security - 7 Hrs 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		manikya-20	
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)

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

1) Certification Course Details:

A) Robotic process Automation:



B) Introduction to ethical hacking:



C) Introduction to Cyber Security:



D) Introduction to Hadoop:



2) Coding Challenges:

```
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()
```