DAILY ONLINE ACTIVITIES SUMMARY

Date:	**09-07-2020**	**Name:**	**Manikya K**
Sem & Sec	**8th,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: Function to print words which can be created using given set of characters

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) Introdution to ethical hacking:

C) Introduction to Cyber Security:

D) Introduction to Hadoop:

2) Coding Challenges:

```
def charCount(word):
    dict = {}
    for i in word:
        dict[i] = dict.get(i, 0) + 1
    return dict


def possible_words(lwords, charSet):
    for word in lwords:
        flag = 1
        chars = charCount(word)
        for key in chars:
            if key not in charSet:
                flag = 0
            else:
                if charSet.count(key) != chars[key]:
                    flag = 0
        if flag == 1:
            print(word)

if __name__ == "__main__":
    input = ['goo', 'bat', 'me', 'eat', 'goal', 'boy', 'run']
    charSet = ['e', 'o', 'b', 'a', 'm', 'g', 'l']
    possible_words(input, charSet)
```