DAILY ONLINE ACTIVITIES SUMMARY

Date:	12-07-2020	Name:	Manikya K
Sem & Sec	8th,A	USN:	4AL16CS050

<table>
<tr><td colspan="4" align="center">Online Test Summary</td></tr>
<tr><td>Subject</td><td colspan="3">Not Conducted</td></tr>
<tr><td>Max. Marks</td><td></td><td>Score</td><td></td></tr>
<tr><td colspan="4" align="center">Certification Course Summary</td></tr>
<tr><td>Course</td><td colspan="3">1) Robotic Process Automation (RPA)
2) Introduction to ethical hacking
3) Introduction to cyber security
4) Introduction to Hadoop</td></tr>
<tr><td>Certificate Provider</td><td>1) GUVI
2) Great learner academy</td><td>Duration</td><td>RPA – 4 Hrs
Ethical hacking - 6 Hrs
Cyber Security - 7 Hrs
Hadoop – 4 Hrs</td></tr>
<tr><td colspan="4" align="center">Coding Challenges</td></tr>
<tr><td colspan="4">Problem Statement: Function to check if string follows order of characters defined by a pattern</td></tr>
<tr><td colspan="4">Status: Solved</td></tr>
<tr><td colspan="2">Uploaded the report in Github</td><td colspan="2">Yes</td></tr>
<tr><td colspan="2">If yes Repository name</td><td colspan="2">manikya-20</td></tr>
<tr><td colspan="2">Uploaded the report in slack</td><td colspan="2">Yes</td></tr>
</table>

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:

```python
from collections import OrderedDict

def checkOrder(input, pattern):

    # create empty OrderedDict
    # output will be like {'a': None,'b': None, 'c': None}
    dict = OrderedDict.fromkeys(input)

    # traverse generated OrderedDict parallel with
    # pattern string to check if order of characters
    # are same or not
    ptrlen = 0
    for key,value in dict.iteritems():
        if (key == pattern[ptrlen]):
            ptrlen = ptrlen + 1

        # check if we have traverse complete
        # pattern string
        if (ptrlen == (len(pattern))):
            return 'true'

    # if we come out from for loop that means
    # order was mismatched
    return 'false'

# Driver program
if __name__ == "__main__":
    input = 'engineers rock'
    pattern = 'egr'
    print checkOrder(input,pattern)
```