# DAILY ONLINE ACTIVITIES SUMMARY

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|---|---|---|---|
| **Date:** | **12-07-2020** | **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)**<br>**2) Introduction to ethical hacking**<br>**3) Introduction to cyber security**<br>**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:**

Function to check if string follows order of characters defined by a pattern

**Status: solved** Function to check if string follows order of characters defined by a pattern

| Uploaded the report in Github | yes |
|---|---|

Function to check if string follows order of characters defined by a pattern

| If yes Repository name | Pallavi-sutar |
|---|---|

Python Program implementation of binary insertion sort

| Uploaded the report in slack | yes |
|---|---|

Go to file

**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

```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'
```

```python
        # 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)
```