DAILY ONLINE ACTIVITIES SUMMARY

Date:	16-07-2020		Name:	Shriraksha
Sem & Sec	8th,B		USN:	4AL16CS099

Online Test Summary

Subject	--		
Max. Marks	--	Score	--

Certification Course Summary

Course	Learn C sharp programing from scratch		
Certificate Provider	Eduonix	Duration	6hrs

Coding Challenges

Problem Statement:

Python rogram to find the SHA-1 message digest of a file

Status: Solved

Uploaded the report in Github	Yes
If yes Repository name	alvas-education-foundation/ Shriraksha_k
Uploaded the report in slack	Yes

Certification Course Details:

Coding Challenges:

Python rogram to find the SHA-1 message digest of a file

```python
# Python rogram to find the SHA-1 message digest of a file

# importing the hashlib module
import hashlib

def hash_file(filename):
    """"This function returns the SHA-1 hash
    of the file passed into it"""

    # make a hash object
    h = hashlib.sha1()

    # open file for reading in binary mode
    with open(filename,'rb') as file:
```

```python
        # loop till the end of the file
        chunk = 0
        while chunk != b'':
            # read only 1024 bytes at a time
            chunk = file.read(1024)
            h.update(chunk)

    # return the hex representation of digest
    return h.hexdigest()

message = hash_file("track1.mp3")
print(message)
```