

DAILY ONLINE ACTIVITIES SUMMARY

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|-------------------------------------|-------------------|-------------|------------|
| Date: | 21/06/2020 | Name: | KIRAN K |
| Sem & Sec | 8 th A | USN: | 4AL16CS046 |
| Online Test Summary | | | |
| Subject | NA | | |
| Max. Marks | NA | Score | NA |
| Certification Course Summary | | | |
| Course | | | |
| Certificate Provider | | Duration | |
| Coding Challenges | | | |
| Problem Statement:Hash of a file | | | |
| Status: COMPLETED | | | |
| Uploaded the report in Github | | YES | |
| If yes Repository name | | KiranK27751 | |
| Uploaded the report in slack | | YES | |

Coding Challenges Details

```
# Python program 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.shal()

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

        # 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)
```