**DAILY REPORT**

**Student Name :SINDHU.N**

**Class and Sec : VI B**

**USN :4AL17CS094**

**DATE:13-08-2020**

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| **Online Test Details** | | | | |
| **Subject** | ------ | | | |
| **Semester** | VI -B | | **Duration** | ----------- |
| **% of marks** | | ---- | | |

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| **Certification Course Details** | | | |
| **Course** | Cyber Security | | |
| **Certificate Provider** | Great Learning | **Duration** | 5.5hours |

**Snapshots of the daily class acitivities .**

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| **Coding Challenges** | |
| **Problem Statement:** 1.**Python Program for Legendre\’s Conjecture.** | |
| **Status:**  Executed | |
| **Uploaded the report both in Github & Slack** | Yes |

**Snapshots of your response to challenge.**

**1.**Python Program for Legendre\’s Conjecture.****

import math

def isprime( n ):

i = 2

for i in range (2, int((math.sqrt(n)+1))):

if n%i == 0:

return False

return True

def LegendreConjecture( n ):

print ( "Primes in the range ", n\*n

, " and ", (n+1)\*(n+1)

, " are:" )

for i in range (n\*n, (((n+1)\*(n+1))+1)):

if(isprime(i)):

print (i)

n = 50

LegendreConjecture(n)

**OUTPUT**

