**DAILY REPORT**

**Student Name :SINDHU.N**

**Class and Sec : VI B**

**USN :4AL17CS094**

**DATE:06-08-2020**

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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 Find sum of even factors of a number.** | |
| **Status:** Executed | |
| **Uploaded the report both in Github & Slack** | Yes |

**Snapshots of your response to challenge.**

****1. Python Program for Find sum of even factors of a number.****

import math

def sumofFactors(n) :

if (n % 2 != 0) :

return 0

res = 1

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

count = 0

curr\_sum = 1

curr\_term = 1

while (n % i == 0) :

count= count + 1

n = n // i

if (i == 2 and count == 1) :

curr\_sum = 0

curr\_term = curr\_term \* i

curr\_sum = curr\_sum + curr\_term

res = res \* curr\_sum

if (n >= 2) :

res = res \* (1 + n)

return res

n = 18

print(sumofFactors(n))

OUTPUT

