**DAILY REPORT**

**Student Name :SINDHU.N**

**Class and Sec : VI B**

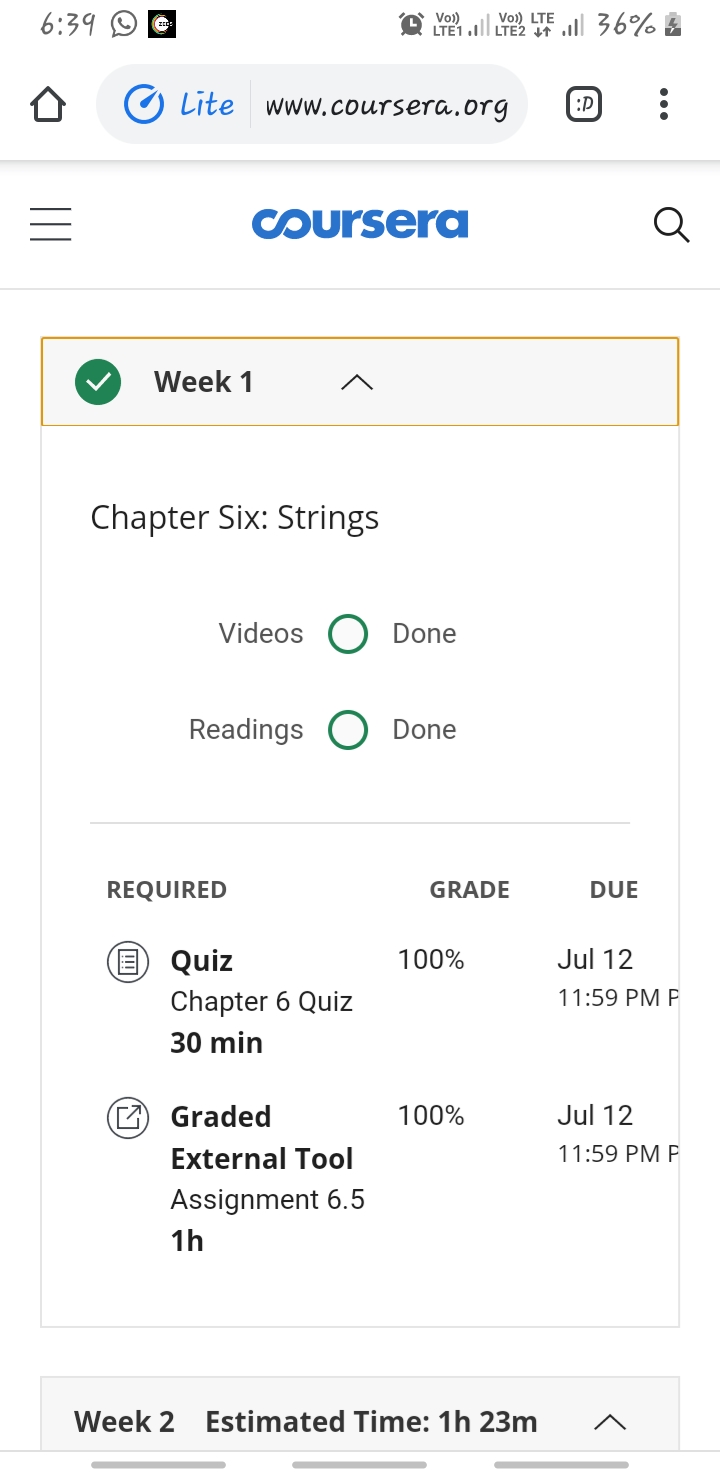
**USN :4AL17CS094**

**DATE:12-07-2020**

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

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| **Certification Course Details** | | | |
| **Course** | Python Data Structure | | |
| **Certificate Provider** | coursera | **Duration** | 19hours |

**Snapshots of the daily class acitivities .**

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| **Coding Challenges** | |
| **Problem Statement: 1.Python Program for Find sum of odd 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 odd factors of a number.**

**import math**

**def sumofoddFactors( n ):**

**res = 1**

**while n % 2 == 0:**

**n = n // 2**

**for i in range(3, int(math.sqrt(n) + 1)):**

**count = 0**

**curr\_sum = 1**

**curr\_term = 1**

**while n % i == 0:**

**count+=1**

**n = n // i**

**curr\_term \*= i**

**curr\_sum += curr\_term**

**res \*= curr\_sum**

**if n >= 2:**

**res \*= (1 + n)**

**return res**

**n = 30**

**print(sumofoddFactors(n))**

**OUTPUT**

