**DAILY REPORT**

**Student Name :SUSHMITHA.B.POOJARY**

**Class and Sec : VI B**

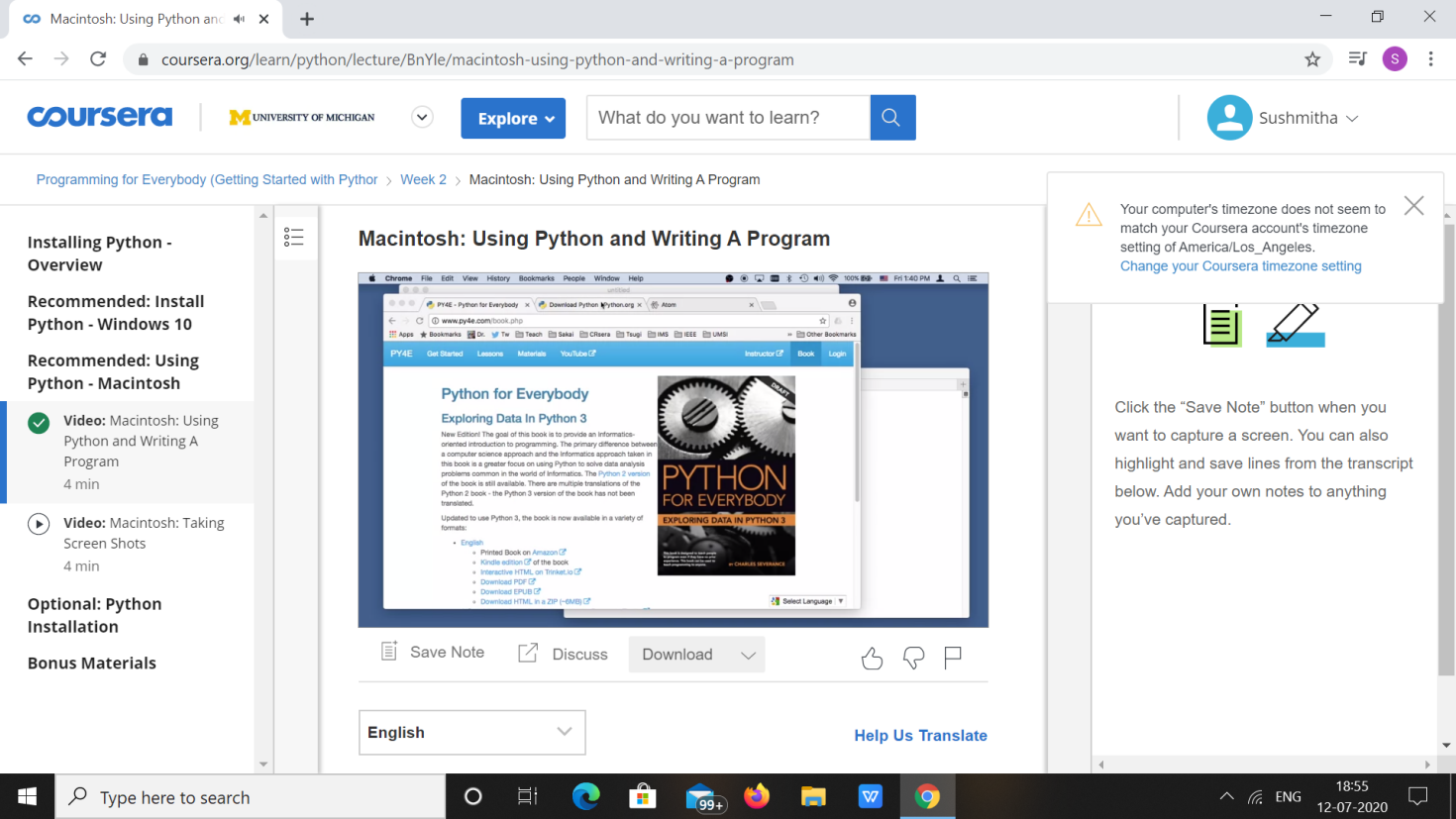
**USN :4AL17CS103**

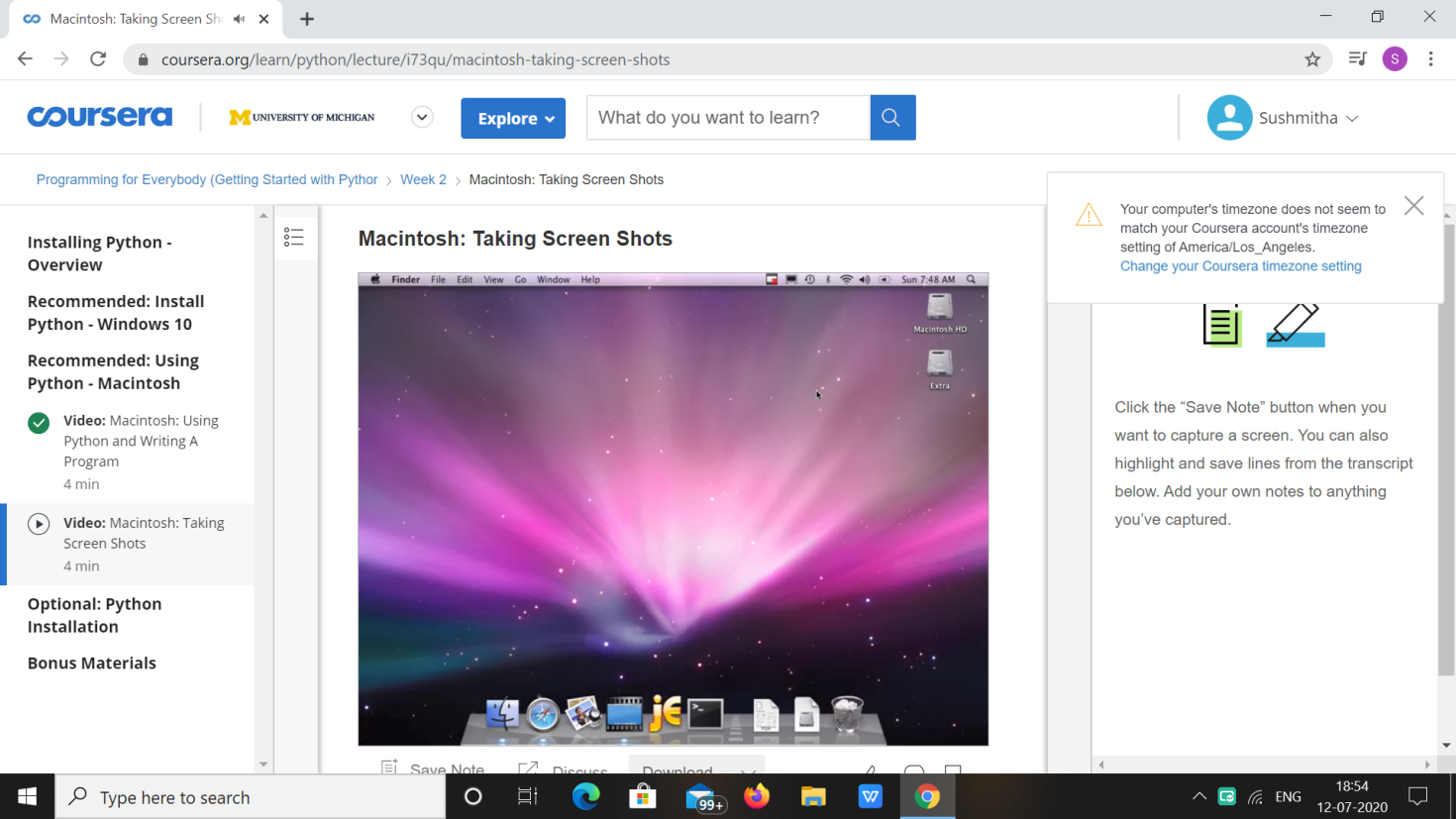
**DATE:12-07-2020**

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

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| **Certification Course Details** | | | |
| **Course** | **Python for Everybody** | | |
| **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**

