**DAILY REPORT**

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

**Class and Sec : VI B**

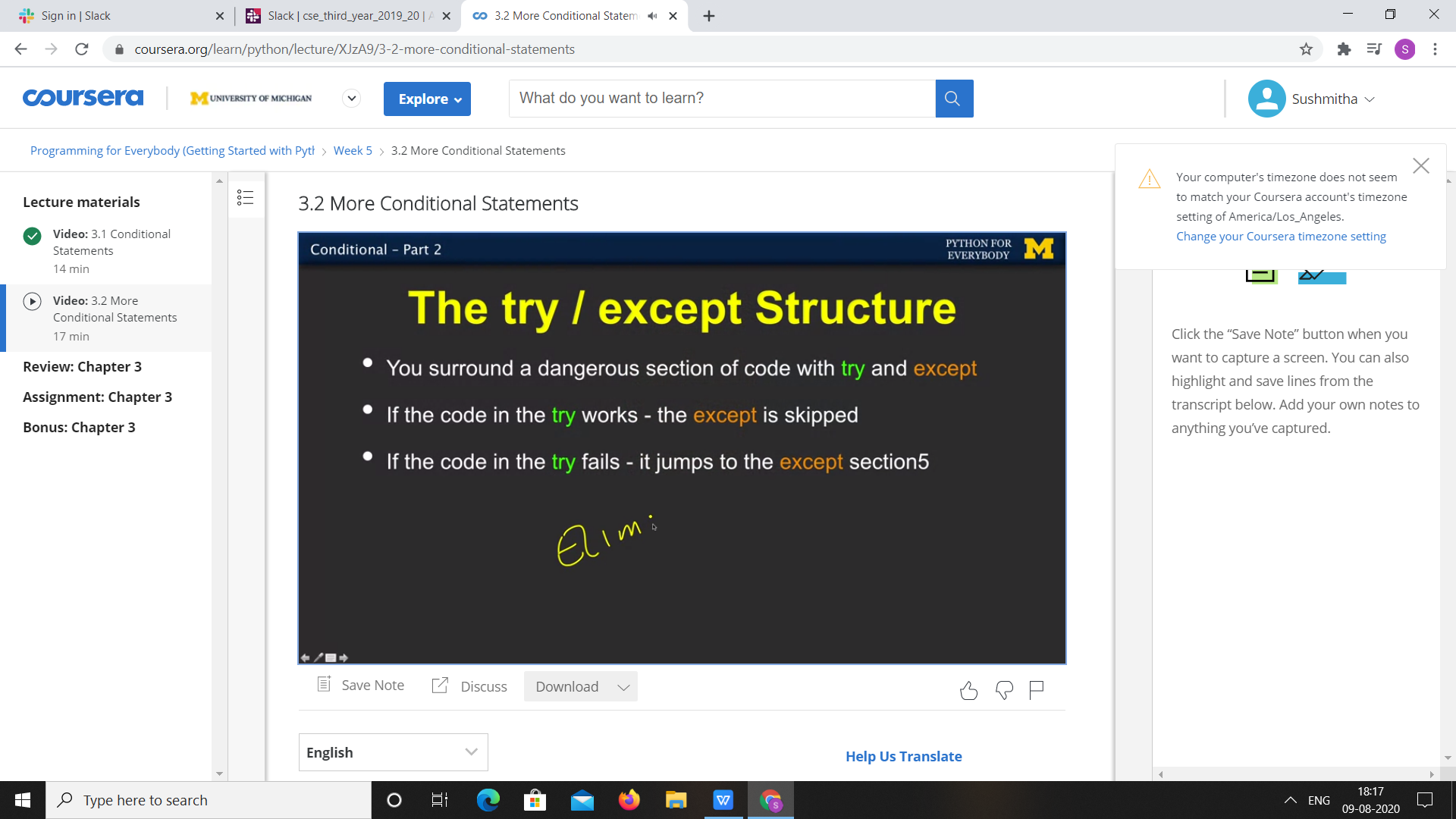
**USN :4AL17CS103**

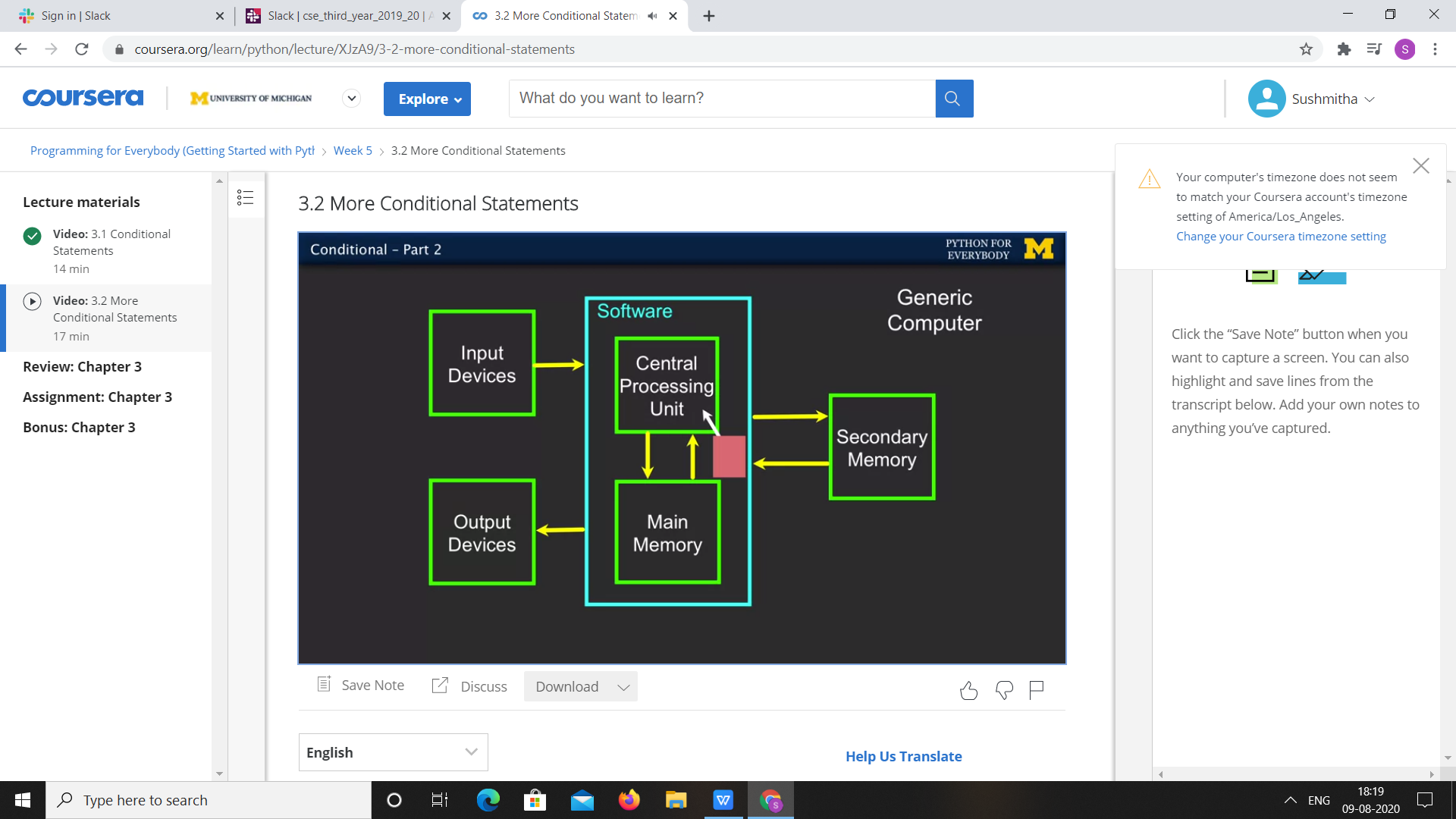
**DATE:08-08-2020**

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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 to convert floating to binary.** | |
| **Status:**  Executed | |
| **Uploaded the report both in Github & Slack** | Yes |

**Snapshots of your response to challenge.**

1. ****Python program to convert floating to binary.****

**def float\_bin(number, places = 3):**

**whole, dec = str(number).split(".")**

**whole = int(whole)**

**dec = int (dec)**

**res = bin(whole).lstrip("0b") + "."**

**for x in range(places):**

**whole, dec = str((decimal\_converter(dec)) \* 2).split(".")**

**dec = int(dec)**

**res += whole**

**return res**

**def decimal\_converter(num):**

**while num > 1:**

**num /= 10**

**return num**

**n = input("Enter your floating point value : \n")**

**p = int(input("Enter the number of decimal places of the result : \n"))**

**print(float\_bin(n, places = p))**

****OUTPUT****

