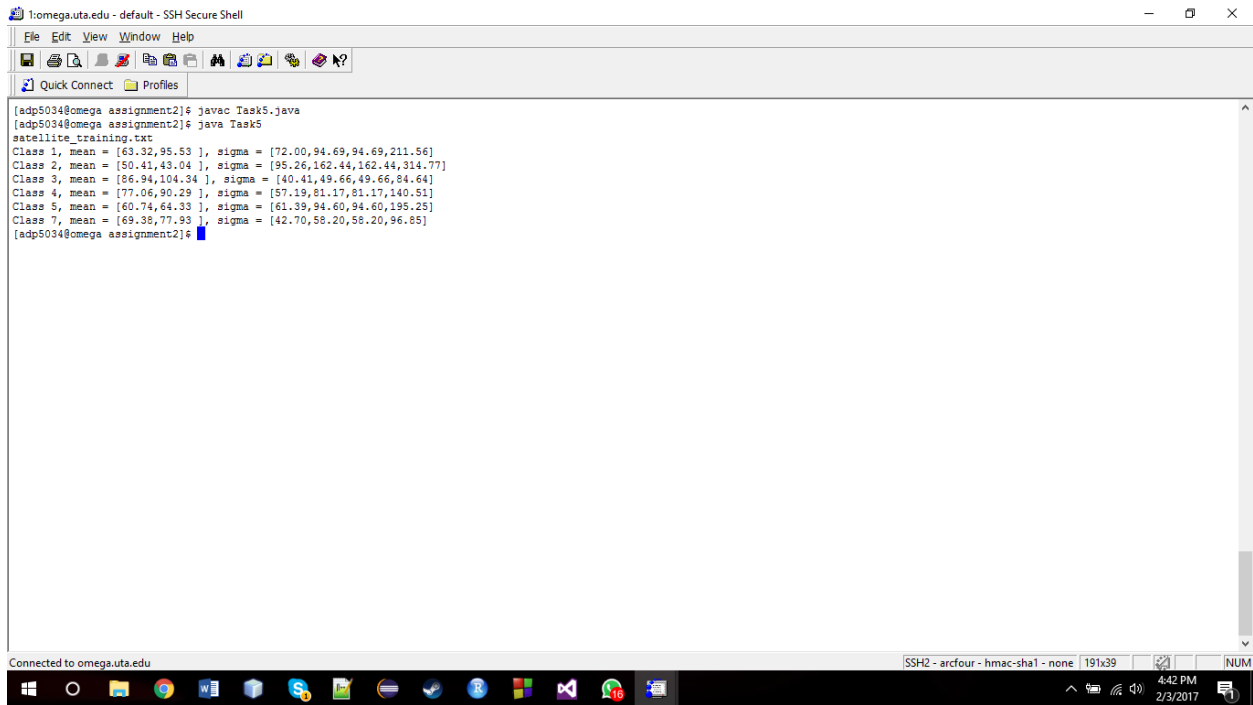**Name: Aditya**
Surname: Pandey
Student Id: 1001405034
Course Name: Machine Learning
Course Number: 6363

Task 5 output for satellite_training.txt


```
[adp5034@omega assignment2]$ javac Task5.java
[adp5034@omega assignment2]$ java Task5
satellite_training.txt
Class 1, mean = [63.32,95.53 ], sigma = [72.00,94.69,94.69,211.56]
Class 2, mean = [50.41,43.04 ], sigma = [95.26,162.44,162.44,314.77]
Class 3, mean = [86.94,104.34 ], sigma = [40.41,49.66,49.66,84.64]
Class 4, mean = [77.06,90.29 ], sigma = [57.19,81.17,81.17,140.51]
Class 5, mean = [60.74,64.33 ], sigma = [61.39,94.60,94.60,195.25]
Class 7, mean = [69.38,77.93 ], sigma = [42.70,58.20,58.20,96.85]
[adp5034@omega assignment2]$
```