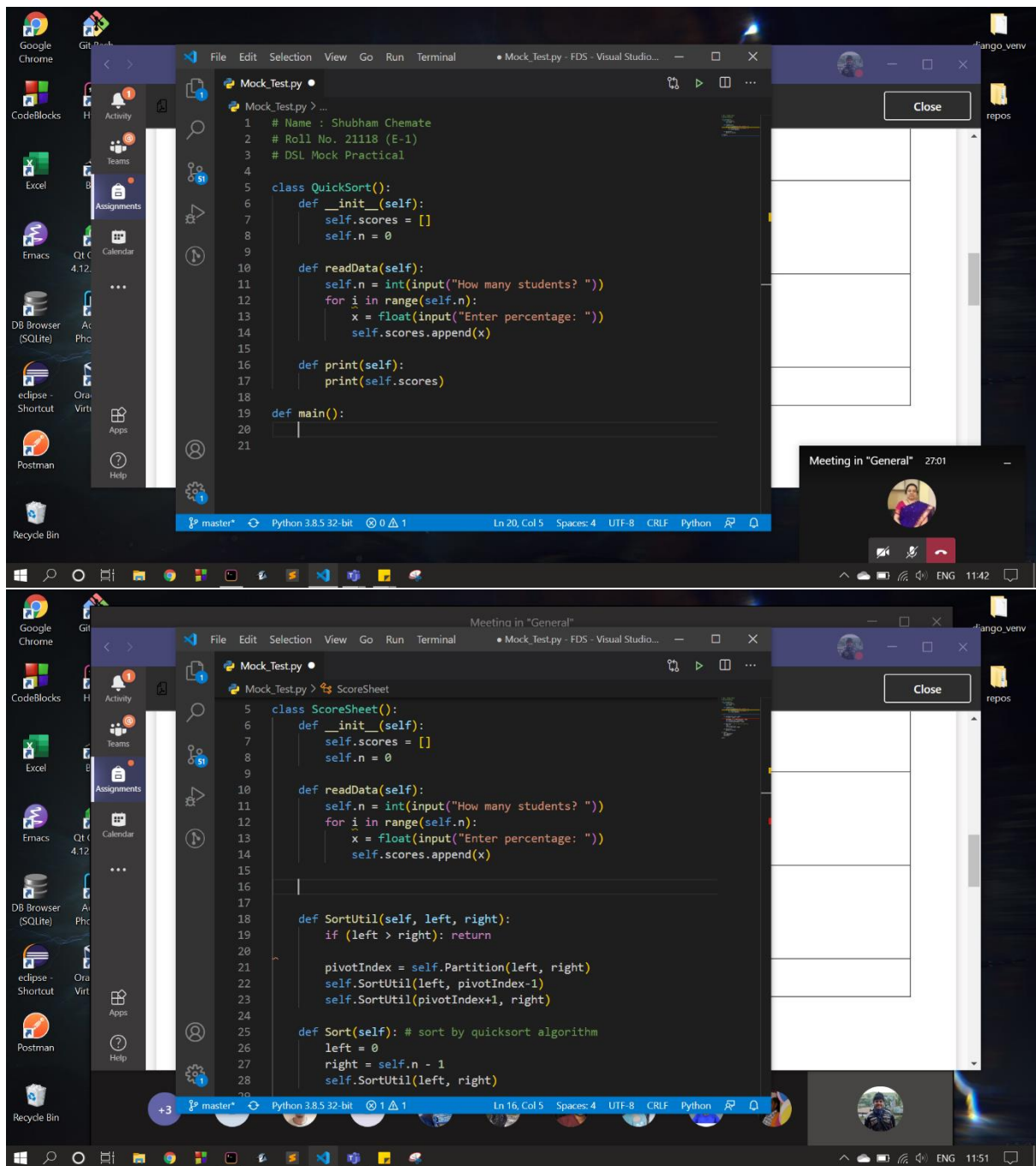


Name: Shubham Chemate

Roll No: 21118 (E - 1)

ScreenShots:



Meeting in "General"

36:34

Mock_Test.py X

```
1 # Name : Shubham Chemate
2 # Roll No. 21118 (E-1)
3 # DSL Mock Practical
4
5 import random
6
7 class ScoreSheet():
8     def __init__(self):
9         self.scores = []
10        self.n = 0
11
12    def readData(self):
13        self.n = int(input("How many students? "))
14        for i in range(self.n):
15            x = float(input("Enter percentage: "))
16            self.scores.append(x)
17
18    def Partition(self, left, right):
19        p =
20
21    def SortUtil(self, left, right):
22        if (left > right): return
23
24        pivotIndex = self.Partition(left, right)
25        self.SortUtil(left, pivotIndex-1)
```

Python 3.8.5 32-bit

21122_Tejas

21111 Bhakti

Dr. Arati Deshpande

21122_Tejas

11:52

Meeting in "General"

37:52

```
27 self.SortUtil(left, pivotIndex-1)
28 self.SortUtil(pivotIndex+1, right)
29
30 def Sort(self): # sort by quicksort algorithm
31     left = 0
32     right = self.n - 1
33     self.SortUtil(left, right)
34
35 def Print(self):
36     print(self.scores)
```

PROBLEMS OUTPUT TERMINAL

1: Python

```
PS E:\College Assignments\FDS> & C:\Users\Shubham\AppData\Local\Programs\Python\Python38-32\python.exe "e:/College Assignments/FDS/Mock_Test.py"
How many students? 3
Enter percentage: 12
Enter percentage: 23
Enter percentage: 34
[12.0, 23.0, 34.0]
PS E:\College Assignments\FDS> & C:\Users\Shubham\AppData\Local\Programs\Python\Python38-32\python.exe "e:/College Assignments/FDS/Mock_Test.py"
How many students? 3
Enter percentage: 23
Enter percentage: 45
Enter percentage: 67
[23.0, 45.0, 67.0]
PS E:\College Assignments\FDS>
```

Python 3.8.5 32-bit

21122_Tejas

Dr. Arati Deshpande

21121_Sagar

11:53

