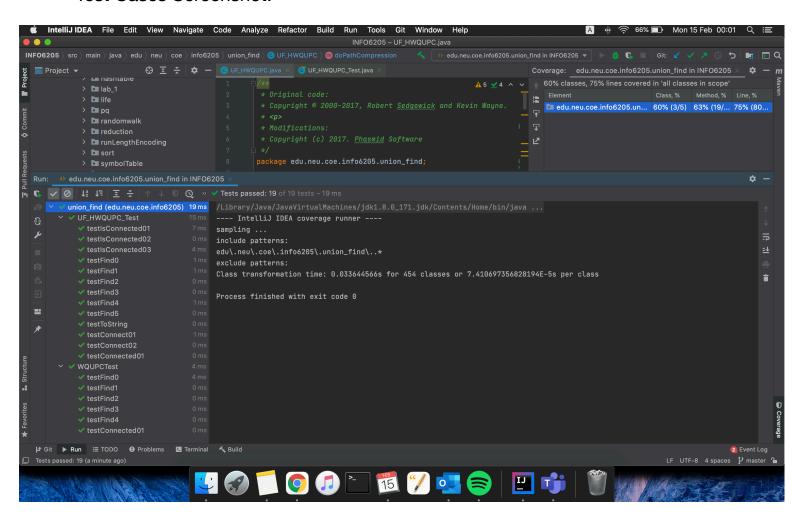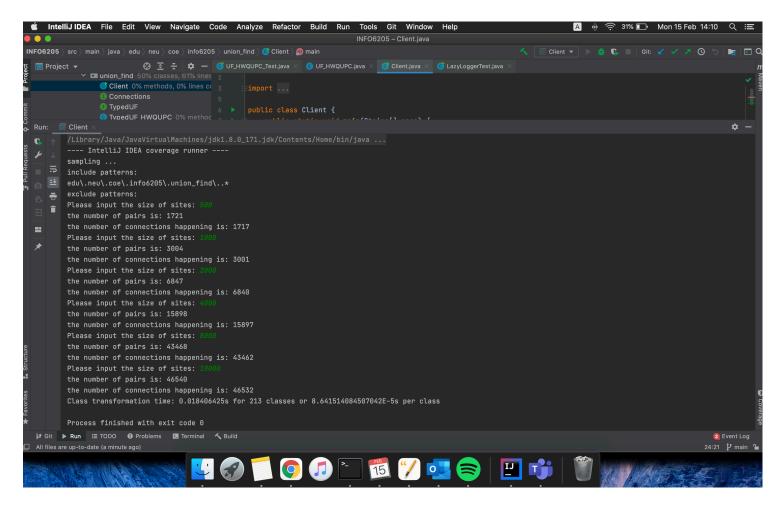# Assignment 3

Submitted By:
Madhurima Chatterjee
001003806

Test Cases Screenshot:

19/19 test cases passed

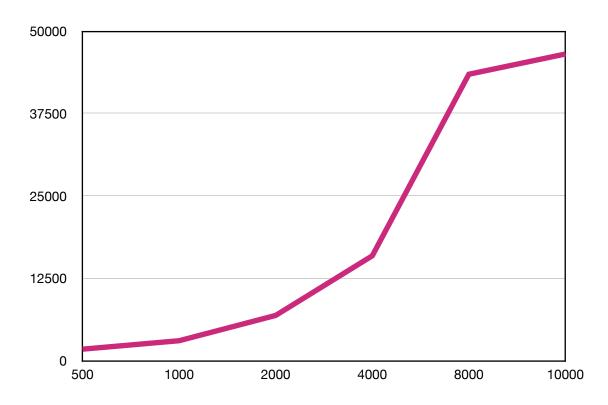Output:

Executed file Client.java

Conclusion:

Number of objects (m) is directly proportional to number of pairs (n).

m = n/2 log n

Number of Objects	Number of pairs generated
500	1721
1000	3004
2000	6847
4000	15898
8000	43448
10000	46540

Values from my code execution