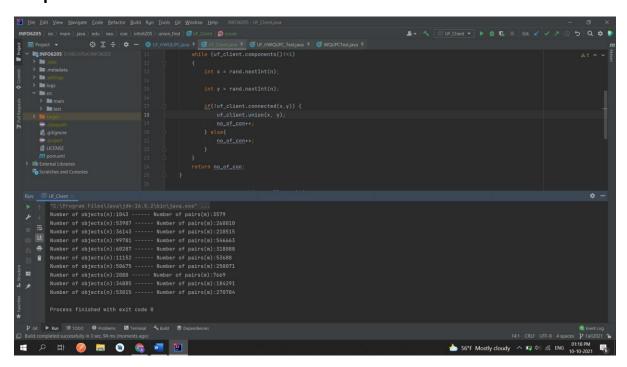
Program Structures and Algorithms (6205)

NUID - 002199939

Akash Bhimani

Assignment No – 3

Output -



Number of objects(n):1043 ----- Number of pairs(m):3579

Number of objects(n):53987 ----- Number of pairs(m):260010

Number of objects(n):36143 ----- Number of pairs(m):210515

Number of objects(n):99781 ----- Number of pairs(m):546663

Number of objects(n):60287 ----- Number of pairs(m):318088

Number of objects(n):11152 ----- Number of pairs(m):53688

Number of objects(n):50675 ----- Number of pairs(m):250071

Number of objects(n):2080 ----- Number of pairs(m):7669

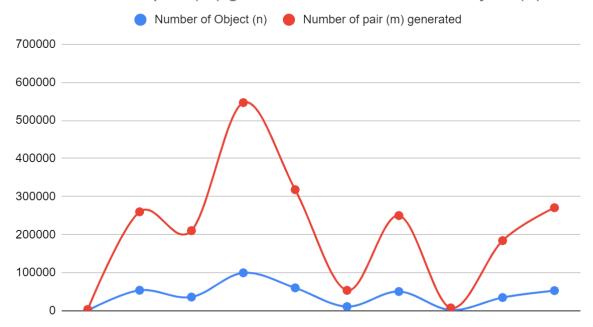
Number of objects(n):34885 ----- Number of pairs(m):184291

Number of objects(n):53015 ----- Number of pairs(m):270704

Relationship Conclusion –

Number of Object (n)	Number of pair (m) generated
1043	3579
53987	260010
36143	210515
99781	546663
60287	318088
11152	53688
50675	250071
2080	7669
34885	184291
53015	270704

Number of pair (m) generated vs. Number of Object (n)



From the results mentioned above, the number of pairs(m) generated are proportional to the number of objects provided as input i.e m \sim 5 * n

Passed Unit Test -

