Assignment 3 Context

Part 1. implementation of UF\_HWQUPC.java: UF\_HWQUPC.java;

Part 2. count() that takes n as the argument and returns the number of connections; and a main() that takes n from the command line, calls count() and prints the returned value: UF\_HWQUPC.java;

Part 3. Determine the relationship between the number of objects (*n*) and the number of pairs (*m*) generated to accomplish this (i.e. to reduce the number of components from *n* to 1): Relationship between number of object(n) and pair of elements(m).xlsx, Assignment 3 Context.docx;

Conclusion:

The relationship between the number of objects (*n*) and the number of pairs (*m*) generated is m=0.3063n+2.193, that is as n getting larger, m will also get larger.