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**Program Structures & Algorithms**

**Spring 2021**

**Assignment No. 3**

* **Task**

Find the relationship between the number of objects (n) and the number of pairs (m).

* **Output**

**Text

Description automatically generated**

* **Relationship Conclusion:**

The relationship is **M = -2e^(-8)N^2 + 0.0003N -74.884**

* **Evidence to support the conclusion:**

I added a trendline and I found out the power function is the most fit function for this plot.

* **Graphical representation:**

**Chart, line chart

Description automatically generated**

* **Unit tests result:**

Graphical user interface, application

Description automatically generated