**INFO6205 31514 Program Structure & Algorithms SEC 01 Spring 2024**

**Assignment 4**

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**Observations mentioned in the excel sheet attached!**

**Part 1(a):**

**A screen shot of a computer program

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**

**A computer screen shot of text

Description automatically generated**

**Part 1(b):**

**A screenshot of a computer

Description automatically generated**

**Part 2:**

**A screenshot of a computer

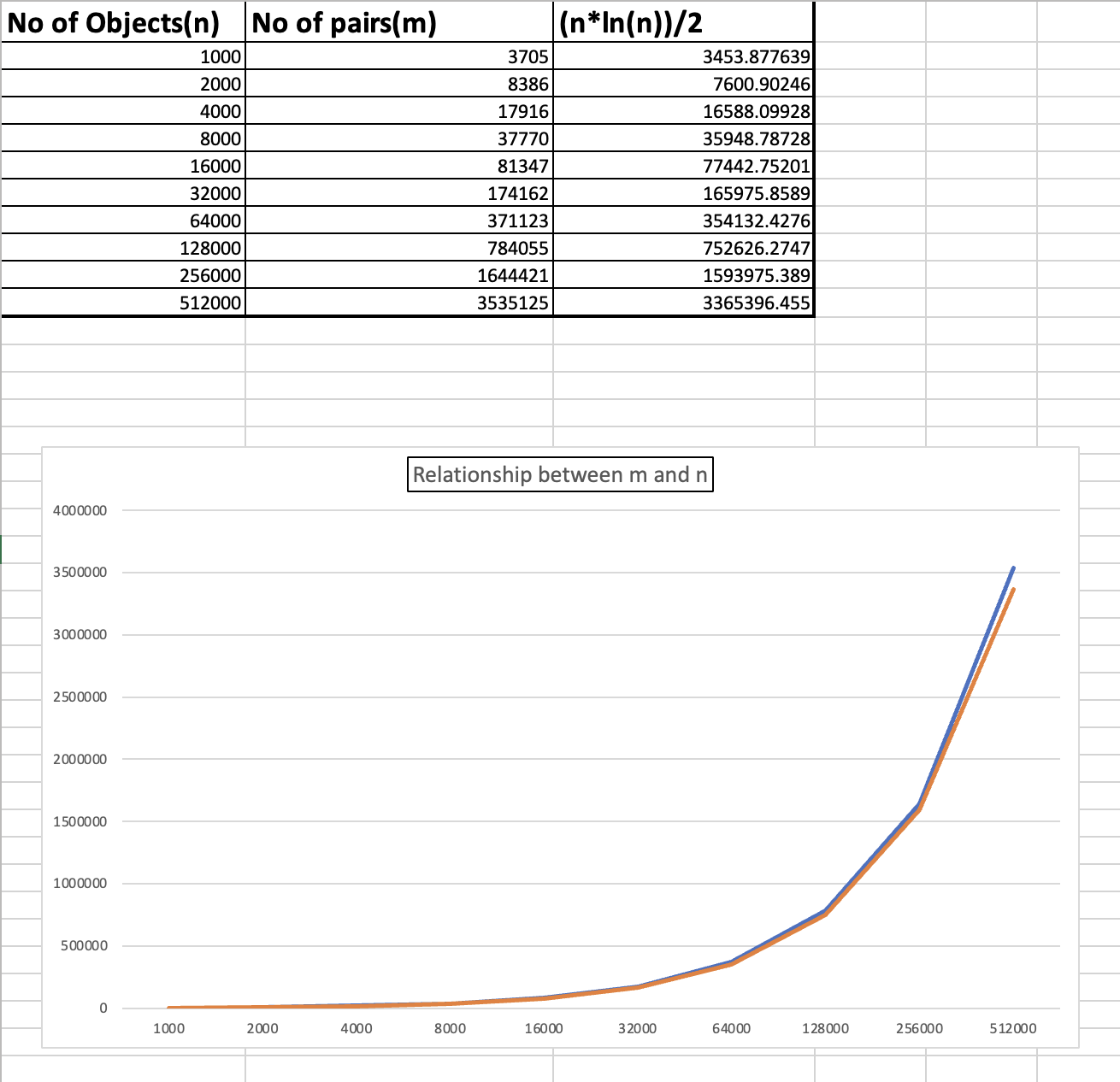
Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Part 3:**

**Relationship between m and n:**

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**m ≈ ½(n\*ln(n))**