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

**Assignment 4**

**Name: Amrita Nischal**

**NUID: 002839305**

**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

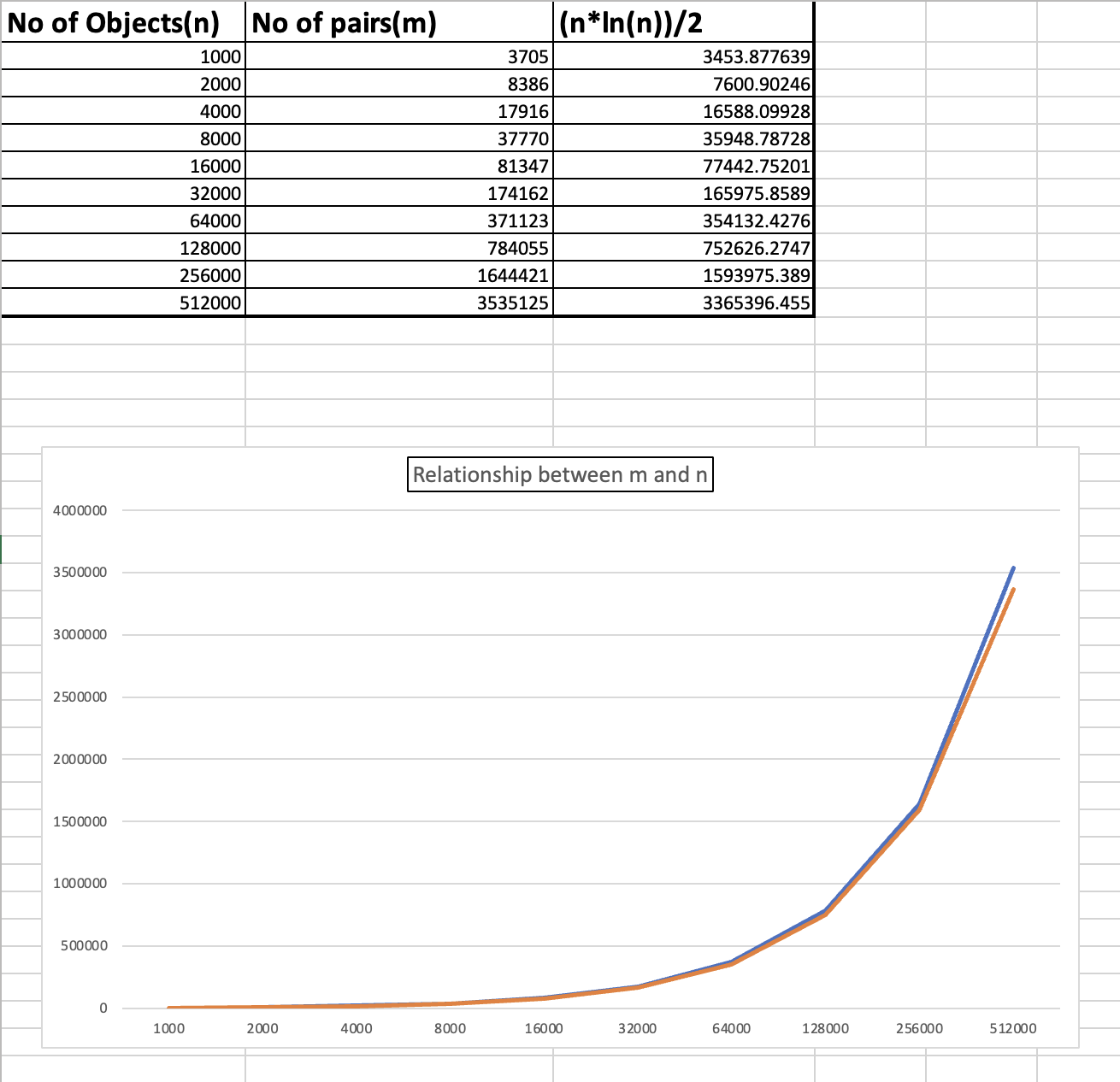
Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Part 3:**

**Relationship between m and n:**

****

**m = ½(n\*ln(n))**