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## **Program Structures & Algorithms**

**Spring 2021**

### **Assignment No. 3**

- **Task**
- **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). Justify your conclusion.**
- **Output**  
Output.txt is in the file
- **Relationship Conclusion:**  
 $m = n-1$
- **Evidence to support the conclusion:**
- **Graphical representation:**

