**CMPS 2143 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Program 4 Grading Sheet On time: \_\_\_\_\_\_\_ Grade: \_\_\_\_\_\_ / 100 pts**

* **Turn in all requested material (-1 for each missing)** 
  + - Set.h
    - Set.cpp
    - SetManipulator.cpp
    - 3 Output files
    - Storage medium
    - All project files
    - Envelope
* **Output correct**
  + - Introduction and exit Message
    - Show Menu
    - Gets Option
    - Handles invalid data
    - Adds, removes and gets items to set
    - Prints set
    - Unions sets
    - Intersects sets
    - Difference sets
    - Gets size
    - quits
* **Set class**
  + Constructor (2)
  + destructor
  + clearSet
  + getSizeOf
  + isEmpty
  + getNextItem
  + addItem
  + removeItem
  + isElement
* **Output Format**
  + - Nice menu
    - Understandable prompts
    - Uses blanks lines
    - Prints Sets prettily
* **Documentation**
  + - for functions
    - for methods
    - for classes
    - for files
    - for internal code
* **Algorithm**
  + - Short main (calls functions)
    - No I/O in main
    - No I/O in classes
* **Style**
  + - Indentation, no wrapped text
    - Good identifiers
    - Blank spaces/lines