To-do list:

\*\*Search "TODO" in the code files to find the areas that needs to be worked on\*\*

SequentialASearch.java – implement sequentialsearch

\*\*Done\*\*

UniformCost.java

A\_Search.java

AWeightSearch.java

Note:

* These classes initializes the PriorityQueue<Cell> queue in HeuristicSearch.Java with a Comparator on different Cell fields so the queue will order differently based on which subclass HeuristicSearch is. (See comments in code)
* The queue should be used in HeursiticSearch.java search()

Using HeursticSearch/UniformCostSearch/etc.. class example:

HeuristicSearch uniformCostSearch = new UniformCostSearch();

ArrayList<Cell> uniformCostSearch\_ShortestPath = uniformCostSearch.search();

HeuristicSearch aSearch = new A\_Search();

ArrayList<Cell> aSearch\_ShortestPath = aSearch.search();

\*\*GUI Notes \*\*\*

* Start has a red outline, goal has a blue outline