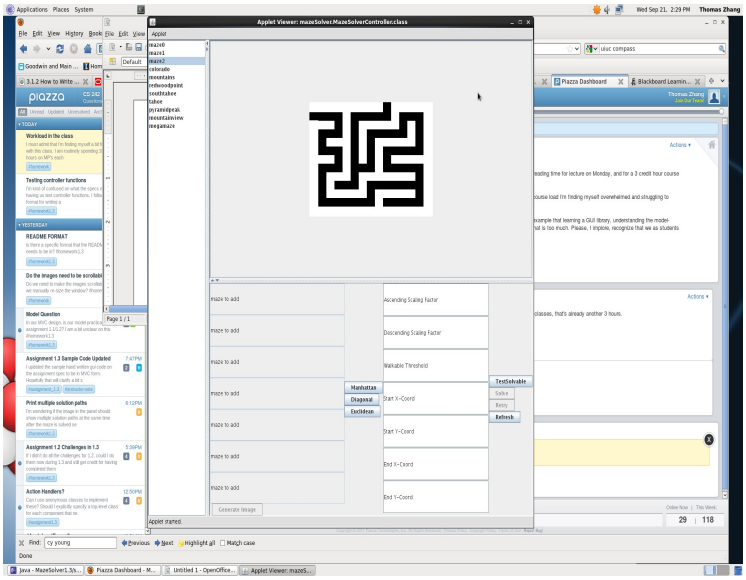
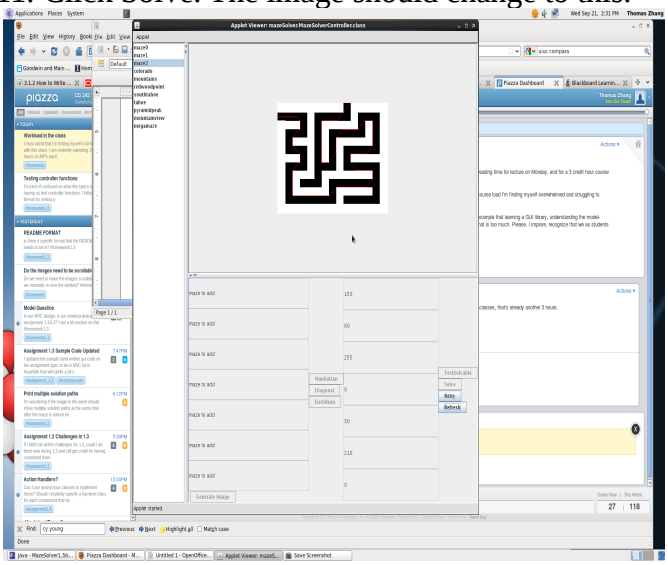
Manual Test Plan

Test 1: maze2

1. Select maze2 from the left hand panel. The screenshot should be like this.



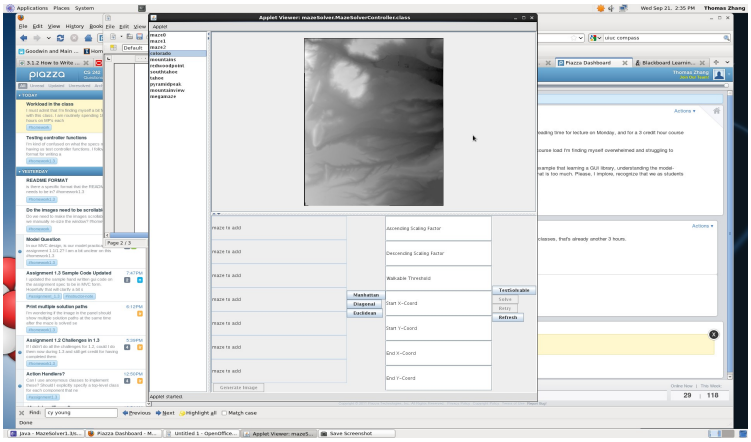
2. Click on “Manhattan”.
3. Set the Ascending Scaling Factor to 150. Press enter.
4. Set the Descending Scaling Factor to 60. Press enter.
5. Set the Walkable Threshold to 255. Press enter.
6. Set the Start X-Coord to 0. Press enter.
7. Set the Start Y-Coord to 30. Press enter.
8. Set the End X-Coord to 210. Press enter.
9. Set the End Y-Coord to 0. Press enter.
10. Click TestSolvable.
11. Click Solve. The image should change to this.



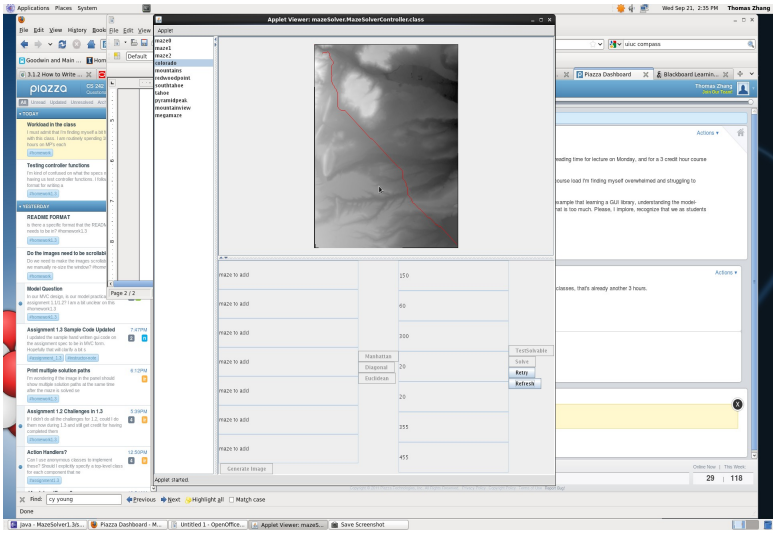
12. Click refresh.

Test 2: colorado

1. Click on colorado on the left panel. The screenshot should look like this.

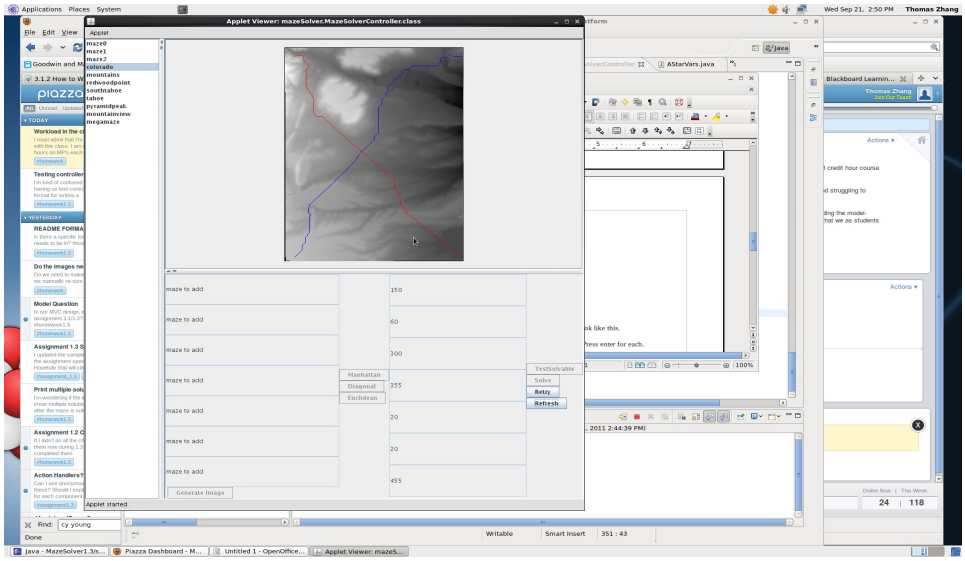


2. Click Euclidean.
3. Set the Ascending Scaling Factor to 150. Press enter.
4. Set the Descending Scaling Factor to 60. Press enter.
5. Set the Walkable Threshold to 300. Press enter.
6. Set the Start X-Coord to 20. Press enter.
7. Set the Start Y-Coord to 20. Press enter.
8. Set the End X-Coord to 355. Press enter.
9. Set the End Y-Coord to 455. Press enter.
10. Click TestSolvable.
11. Click Solve. The image should change to this.



Test2: cont on next page

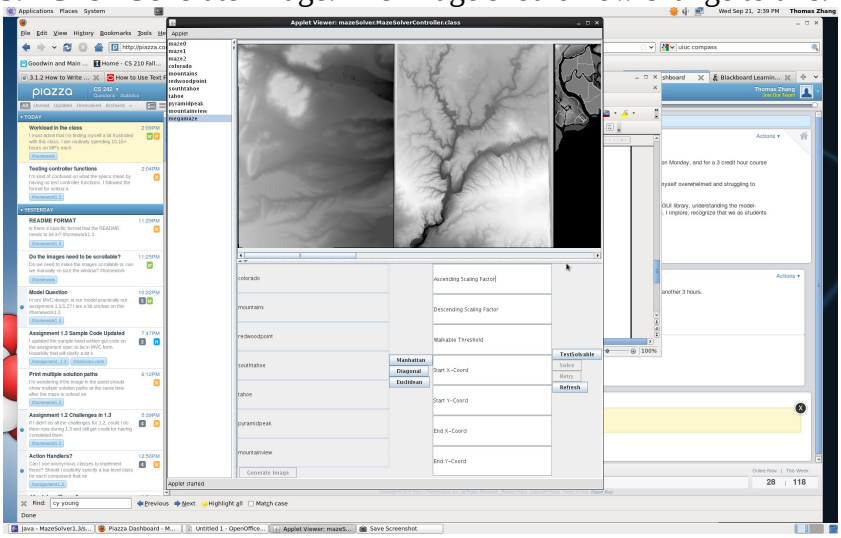
12. Click retry.
13. Set the Start X-Coord to 355 Press enter.
14. Set the Start Y-Coord to 20. Press enter.
15. Set the End X-Coord to 20. Press enter.
16. Set the End Y-Coord to 455. Press enter.
17. Click TestSolvable.
18. Click Solve. The image should change to this.



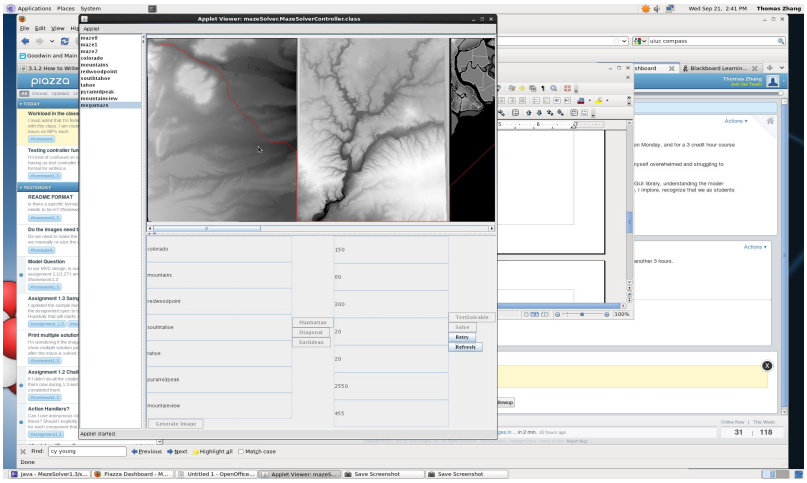
Test 3: megamaze

1. Click on megamaze on the left panel. The screenshot should look like this.

2. Type the seven mazes to add from colorado to mountainview. Press enter for each.
3. Click Generate Image. The image should now change to this.



4. Click Euclidean.
5. Set the Ascending Scaling Factor to 150. Press enter.
6. Set the Descending Scaling Factor to 60. Press enter.
7. Set the Walkable Threshold to 300. Press enter.
8. Set the Start X-Coord to 20. Press enter.
9. Set the Start Y-Coord to 20. Press enter.
10. Set the End X-Coord to 2550. Press enter.
11. Set the End Y-Coord to 455. Press enter.
12. Click TestSolvable. Wait until the solve button appears.
13. Click Solve. The image should change to this.



14. Click refresh.