CPSC 481 - AI - Project 1 - BestFS Algorithm Report

Team Name: AiBROS

Team Members: Javier Melendrez, Omar Al Nabulsi, Brannon Ha, Daniel Pestolesi

Bot tile count: 84

```
 20   + var sc; //step counter
```

```
  sc = document.getElementById("stepCounter");
```

```
 <p>     <!-- Step Counter -->
Step Count:
 <p id="stepCounter">     <!-- Step Counter -->
```

```
   (js (concat "sc.innerHTML = " (length path)))
```
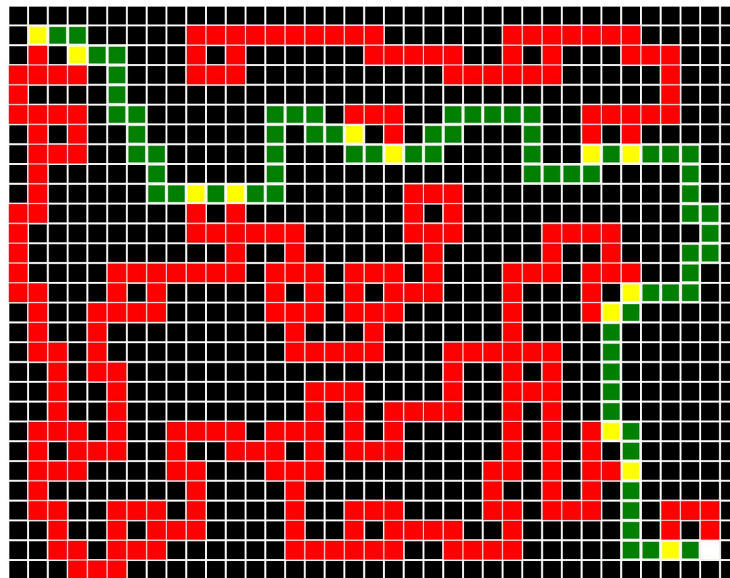
Final Board Position: (36,27)

Project 1 -- Best First Search

Team AiBros.

Step Count:

84

Algorithms Major Data Structures: first off we created a grid for all the coordinates. We changed the color alteration method to make it a simple color swapping method. The coordinates listed to be of value were added and then the logic of traversal was undertaken. The method we chose was a list of known coordinates. That we appended into an object called path. Then we changed colors based upon the current point and added then based upon concatenating g_bot coordinates as it traversed the list.