

CSC 123 - Extra Credit Project #2 -- Create a program to simulate the Drunkard's walk.

The following shall minimally support to earn 25 points:

1. A grid of at least 10 x 10
2. Selection of a starting point in the grid via a mouse click on the grid
3. Motion; that is moving the “drunkard” from one grid-square to another until the drunkard leaves the “building” (in other words the grid)
4. Output of the number of steps taken by the drunkard until he/she exits the grid

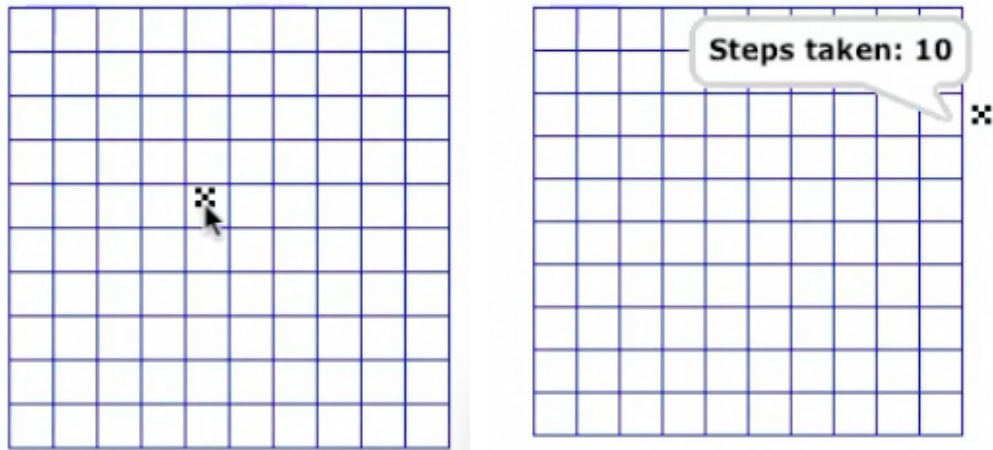


Figure 1: Snapshots of the Initial Selection and Final Step

A sample video is available at:

<drunkards-walk.m4v>

A. An extra 25 points can be earned for adding a menu item that supports the user selecting the size of the grid and drawing/using it as specified in items 1 - 4 above.