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ITCS 3112-001

Module 3 Milestone 1

Due: 9/11/2018

Flow Chart

Allocate Memory to Initialize Array (Main.cpp)

dataInArray() (functions.h)

dataToInt() (functions.h)

displayBridges() (functions.h)

greedyAlg() (functions.h)

(GREEDY ALGORITHM EXPLAINED ON NEXT PAGE)

Greedy Algorithm

findBestPath()

Add that pixel to the path (turn the pixel RED or whatever the chosen color is for the path) and use that pixel as the next “start place” unless the next right adjacent pixels are all “null”

Calculate which pixel has the lowest abs(first – next).

Check all 2 or 3 adjacent pixels to the right.

Start with left top corner pixel.