1. Psuedo-code a system to solve the maze attached and other mazes. Use commands like at wall, at intersection, move forward, turn left, turn right, move backward.

2. Create a windows forms screen that stores/displays the following items of data: Name, Address, Phone, Car Make, Model, License Plate, Color, Repair Item and Cost of the repair. Allow for 5 different repair items and costs. Choose an appropriate form title and the appropriate object types to use for the information. Remember that name is actually 4 pieces of data.

3. – What is the value of E? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 a = true

b = true

c = 10

d = 12

if (a && b) then

 if (c == 10 && d == 13) then

 e = 12

 else

 e = 22

else

 if( c == 10 && d == 12) then

 e = 13

 else

 e = 25

Run your windows forms application and do a screen print of the running window (Alt+ PrtSc). Paste the image into a word document. Put your three different pseudo-code items in the word document. Please put one per page. Save your word document to your Z drive named PSUEDOGUI.DOCX. Turn this paper and the Binary and Hex papers in together.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scoring Guide

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 |
| Form has an appropriate title (instructor’s choice) |  |  |  |  |
| Number of GUI rules not followed | 3 | 2 | 1 | 0 |
| Spelling errors on Windows Form | 5-6 | 3-4 | 1-2 | 0 |
| # of mazes that the maze pseudo code works on | 1 | 2 | 3 | 4+ |
| #3 has correct E value |  |  |  | Yes |
| Word document named correctly |  |  |  | Yes |

Points : \_\_\_\_\_\_\_\_\_\_\_ out of 24