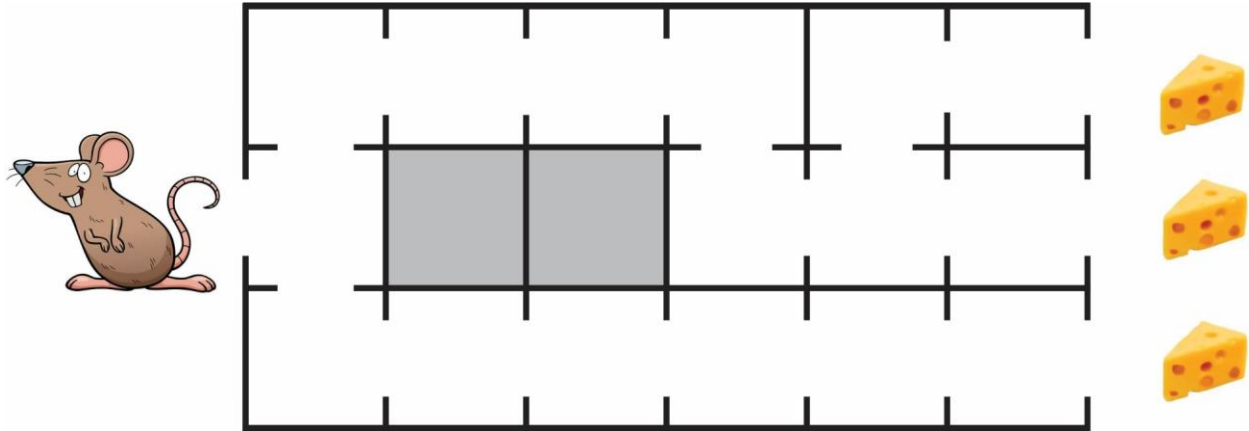Matlab Project for Today…

Here is a maze:

1. Come up with a sketch of how you might program this to determine how many blocks the mouse will pass through?

2. Code an example that makes a bar graph for the number of blocks the mouse has to take?

3. Does it always come out as expected?

4. Now determine how long it takes for the mouse to get through the maze. Know that the average time per block is 5 s and the standard deviation is 1 s.

   a. What does this mean?
   b. How might you do it?

5. Make a histogram of the time it takes

Thoughts about class today?