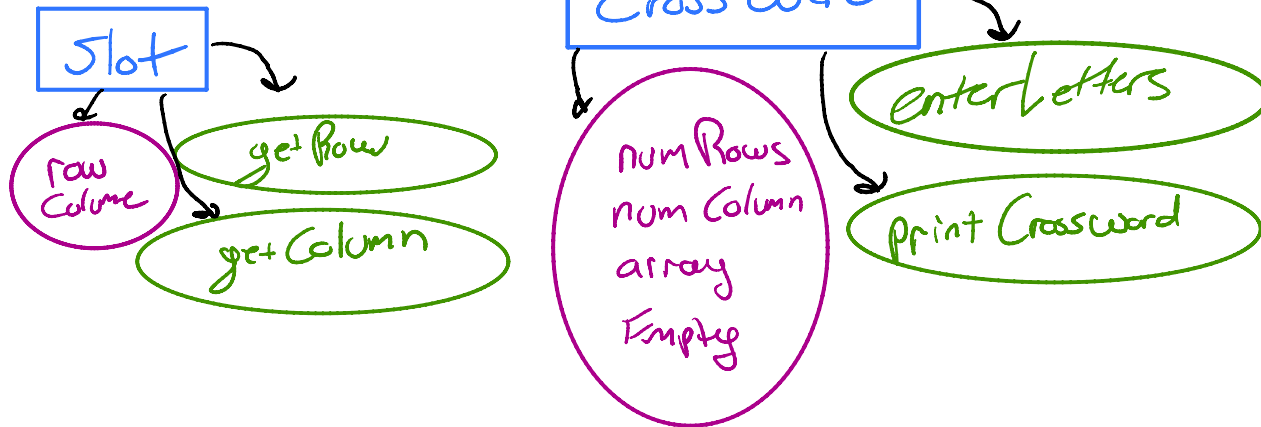# Assignment 8 Luke O'Brien
CS1450:002

Problem:

We have 2 sets of files one of the files in the set has letters, while the other has Array Slots. We have to put this data in an ArrayList, & a Queue The into a 2D Array. to be Printed out in the Console

Class Method Constructer

Diagram

Slot → (row Column)

Slot → get Row

Slot → get Column

Crossword → (num Rows num Column array Empty)

Crossword → enterLetters

Crossword → print Crossword

What I Don't Know!

- I don't Remember how to Convert to an Itterator

Main:

```
Scanner listLetter = new scanner (File)
Scanner listSlot = new Scanner (File)
Scanner qLetter = new Scanner (File)
Scanner qSlot = new Scanner (File)

Int numRowL = firstLineFile
Int numColumnL = firstLineFile
Int numRowQ = firstLineFile
Int numCOlumnQ = firstLineFile

listLetter,listSlot,qLetter,qslot.fill //Use slot objects

Crossword aList = new Crossword(numRowL, numColumnL)
Crossword qList = new Crossword(numRowQ, num ColumnQ)

Iterater qAndL = new Iterater(both arrays lists)
While(interater has next) { alist.enterLetters(letterInter, slotIter)
```

What I Learned:

- I went back and relearned the .Iterator() method

- I re-learned The .CharAt (Index) method (& how useful it is)