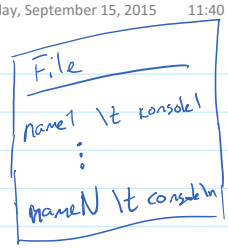
Tuesday, September 15, 2015 11:40 AM




```
parseData(fname):
    for line in file:
        vgame = new VideoGame(line.split('\t')[0], ... [1]);
        list.add(vgame)
```

(line.split('\t')[0] = name)

```
VideoGame {
    equals(String name, String console) {
        String thisName = this.name.toUpperCase();
        String queryName = name.toUpperCase();
        // same w/ console

        return thisName.contains(queryName) && thisConsole.contains(queryConsole);
    }
```

query "e q"
name "The quick brown fox..."

```
lookup(name, console) {
    results = empty
    for (game : list) {
        if (game.equals(name, console)) {
            results.add(game)
            print(game)
        }
    }
}
```

for (x : y) "for each x in y"

Asking me questions:

1) Send me all your code (formatted w/ checkstyle)
2) Ask me a question
3) Ask me before the day its due

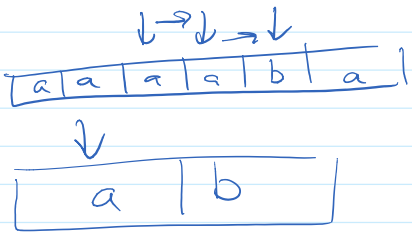
Submitting HW & Labs

Create archive (rar, zip, 7z, tar, cab, dmg, ...)
Window or Mac:
1) highlight the files

2) right click
3) compress

```
removeDuplicates(char[] list):
    char[] newList = new char[list.size]; //
    for(int i=0; i<list.size, i++);
        curElement = list[i]; ☆ ←          // list.get(i)
        for (elem : newList)   // inList = false
            if (elem == curElement) {
                inList = true; ☆
            }
        }
        if (!inList) {
            newList.add(curElement); //
        }
    }
    return newList;
}
```

contains




```
list.contains('a')
```

```
getCommonStrings(String[] arr1, String[] arr2):
    // String[] newArray = new String[(arr1.length > arr2.length) ? arr2.length : arr1.length];
    int length = arr1.length;
    if (arr1.length > arr2.length) {
        length = arr2.length;
    }
    String[] newArray = new String[length];

    //  a ? b : c
    //  if (a):
    //      b
    //  else:
    //      c
    //

    numElem = 0;

    for (element1 : arr1):
        for (element2 : arr2): //
            if (element1 == element2):
```

```
        if (element1 == element2):
            newArray[numElem] = element1;   // newList.add(element1);
            numElem++;
        }
    }
    return removeDuplicates(newArray);
}
```

~~BufferedReader~~

Reading & Writing From/to files

```
java.util.Scanner
java.io.PrintWriter      // where most of the work happens
java.io.File
java.io.FileNotFoundException
```

~~wordRecall(...) throws FNFE/IOE~~

```
wordRecall(..){
    Scanner scan = null;
    try {
        scan = new Scanner(new File("in.txt"));
    } catch
        (FileNotFoundException e) {   // Ctrl + Shift + F
        ~~System.exit(0)~~
        return;
    }
    PrintWriter out = null
    try {
        out = new PrintWriter(new File("out.txt"));
    } catch (FileNotFoundException e) {
            return;
    }
    while(scan.hasNextLine()) {
        out.println(scan.nextLine());
    }
    out.close();
    scan.close();   //

switch (...)
    case - :
```

C:\Windows\system32\out.txt

break;