

CS210

Discussion

Week 11

Attendance



Today

- Exercise hints
- Finish through exercise 2
 - Show us passing Gradescope tests to leave early

Exercise hints - Spell Checker

- Splitting lines

- Using “,”
- Using “\\b”

```
line.trim().split( regex: ",");
```

```
String[] words = line.trim().split( regex: "\\b");
```

- Reading StdIn

- Lines
- While loop

```
while (!StdIn.isEmpty()) {  
    String line = StdIn.readLine();  
    ~~~~~  
}
```

Exercise Hints

- Creating a generic array
- It's an unordered array, so new entries can go at the end
- Shift key/value pairs to the left to delete a key
- Linear search to find entries (simple loop)
- Comparing Keys
- Keep track of n
- Resize arrays as necessary

```
Key[] someKeys = (Key[]) new Object[2];
```

```
someKey.equals(someOtherKey);
```

```
if (keys.length == n) {  
    resize( capacity: 2 * keys.length);  
}
```