

Quiz Review

```
class T {
```

```
}
```

```
class Main
```

```
{
```

```
    List<T> tList = new ArrayList<
```

```
{
```

```
    foo.processList()
```

auto complete

✓

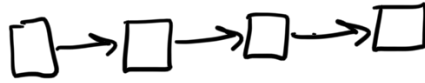
```
List<T> stuff
```

Maps

arrays



Lists < >



"Linear Data Structures"

Can be looped over with a foreach

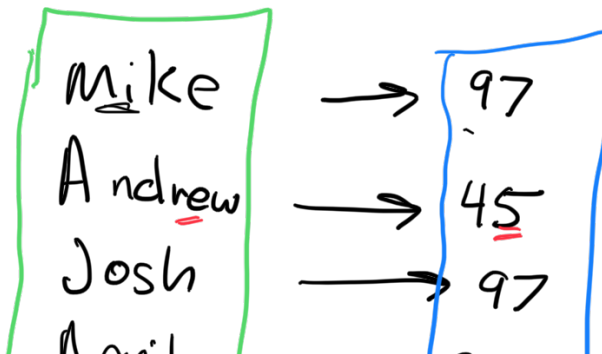
Aside

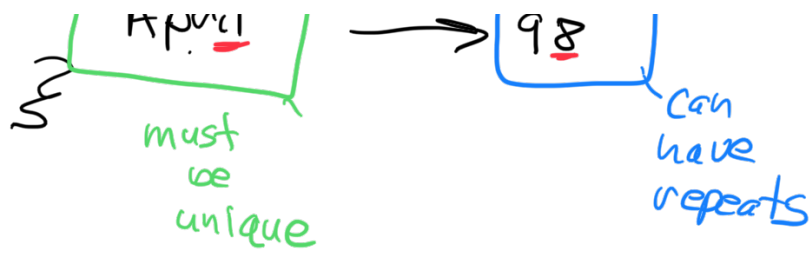
Queue Stacks

Maps

- are a non linear key/Value data structure
- the keys of a map are a Set which means each key is unique within a given map

{





$\text{Map} \langle \underline{T}, \underline{T} \rangle$
↗ ↘
replace
with
your
data types

→ $\text{Map} \langle \text{String}, \text{Integer} \rangle$
 $\text{Map} \langle \text{String}, \underline{\text{int}[]} \rangle$

if you see $\langle T \rangle$ you have a generic type

$\text{Map} \langle \text{String}, \text{Integer} \rangle$ Scores = new HashMap

WARNING - HashMap does not keep track of the order of your items

if you need the order use a

LinkedHashMap

There are other more exotic maps too.