

Android Basics: Multiscreen Apps

Arrays, Lists, Loops & Custom Classes

- How to store a list of words in the app (Arrays, ArrayLists)
- Display a list of words
- Display a list of English/Miwok word pairs
- Add the words from all the remaining categories

```

    boolean add(E e) {
        add(size(), e);
        return true;
    }

    E get(int index);

    ...
}

```

Interface: *List*

```

// No implementation of its methods
public interface List {

    boolean add(E object);

    E remove(int index);

    E get(int index);
}

```

Type Parameters

<u>Symbol</u>	<u>Type</u>
E	Element
K	Key
N	Number
T	Type
V	Value
S, U, V, etc.	2nd, 3rd, 4th types (when there is more than one parameter)

How to Create and Access Elements in an ArrayList

Create an ArrayList

```

ArrayList<String> musicLibrary = new ArrayList<String>();

```