

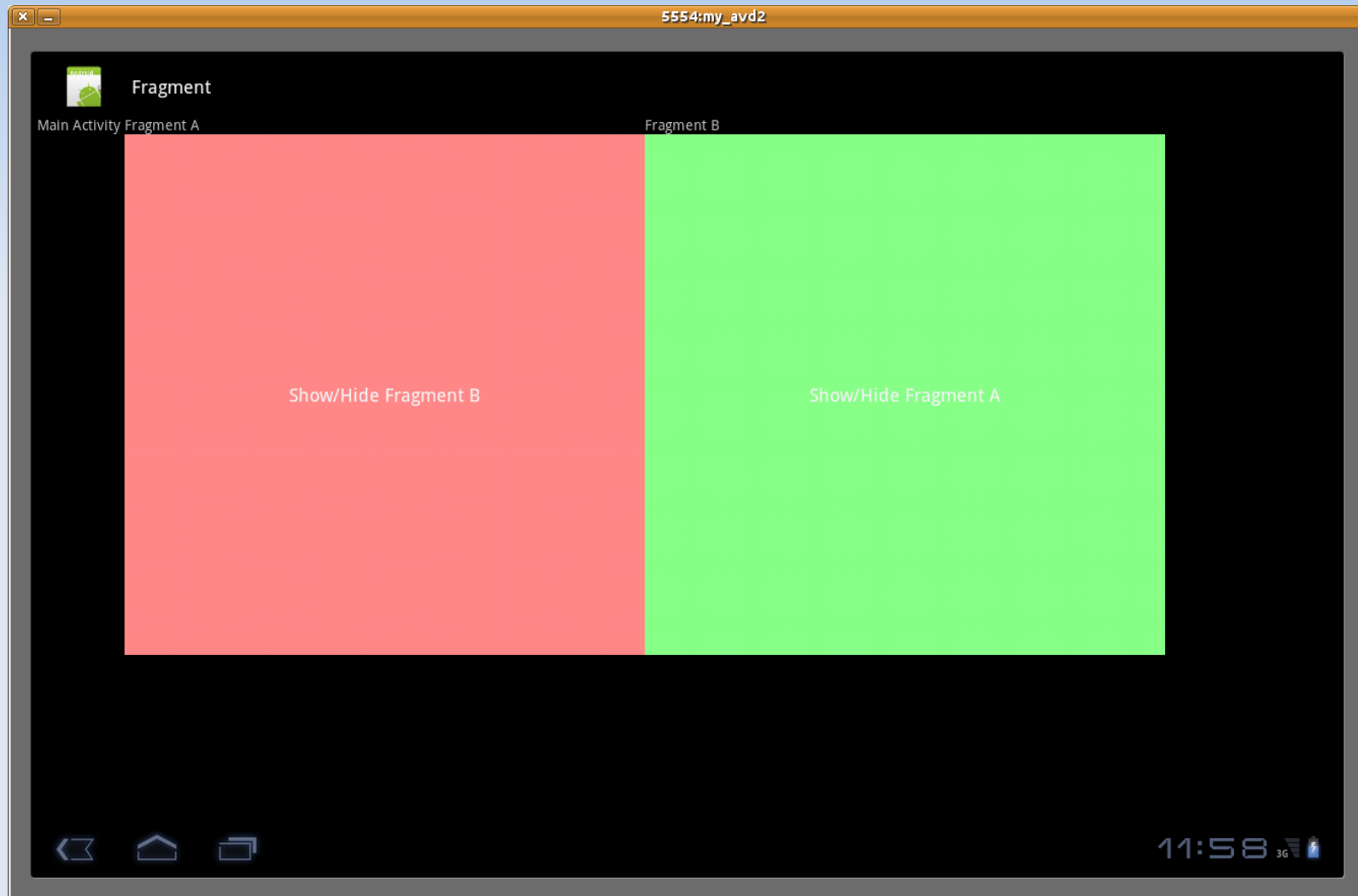
Fragments

CMSC 436 Lab 5
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Fragments

- In this lab you will create a layout that contains two Fragments
- Each Fragment will have a text label and a button that will show or hide the other Fragment

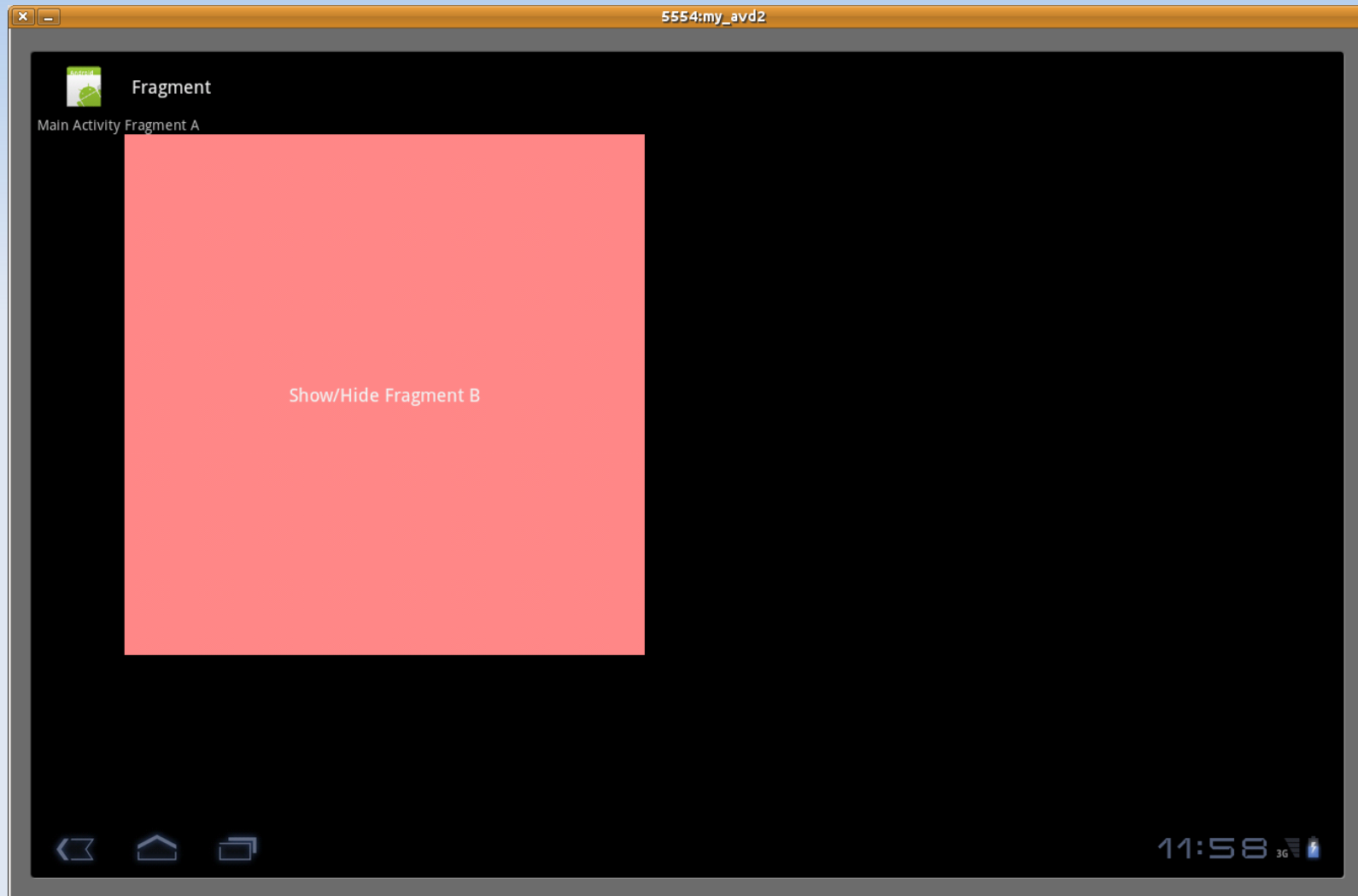
Fragments



Fragments

- Clicking the Show/Hide Fragment B button will hide Fragment B
- Clicking the button again will bring Fragment B back

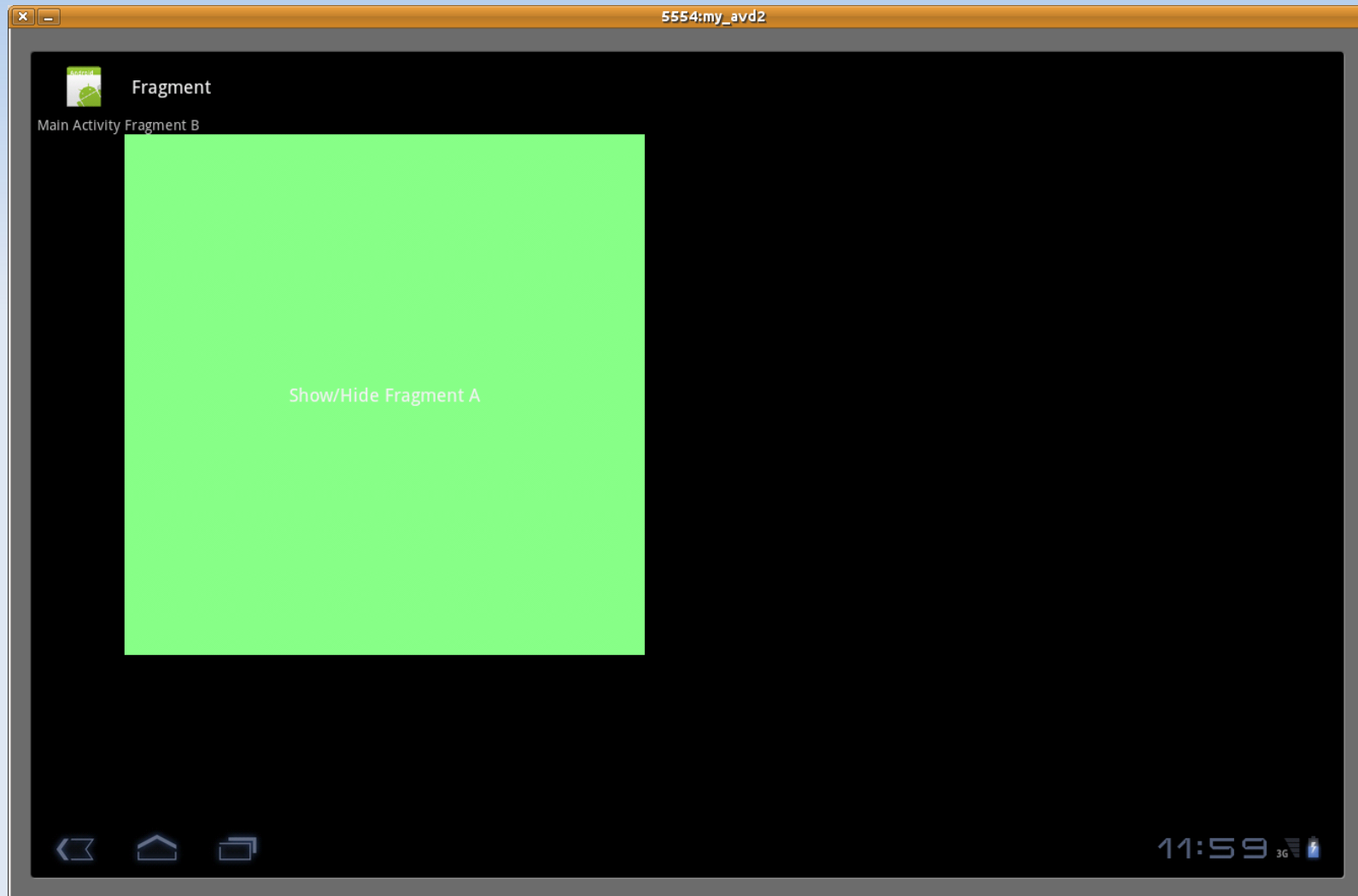
Fragments



Fragments

- Clicking the Show/Hide Fragment A button will perform a similar action on Fragment A

Fragments



Fragments

- Note that for this lab you may need to use the Android emulator version 3 (the tablet emulator)

Fragments

- To add a Fragment to a layout, you can do something like

```
linearLayout.setId(1);
```

```
FragmentManager fragmentManager = getFragmentManager();
```

```
FragmentTransaction fragmentTransaction = fragmentManager.beginTransaction();
```

```
fragmentA = new FragmentA();
```

```
fragmentTransaction.add(linearLayout.getId(), fragmentA);
```

```
fragmentTransaction.commit();
```

Fragments

- To show and hide the Fragments you can do something like

```
if (fragmentA.isHidden()) {  
    fragmentTransaction.show(fragmentA);  
}  
else {  
    fragmentTransaction.hide(fragmentA);  
}
```