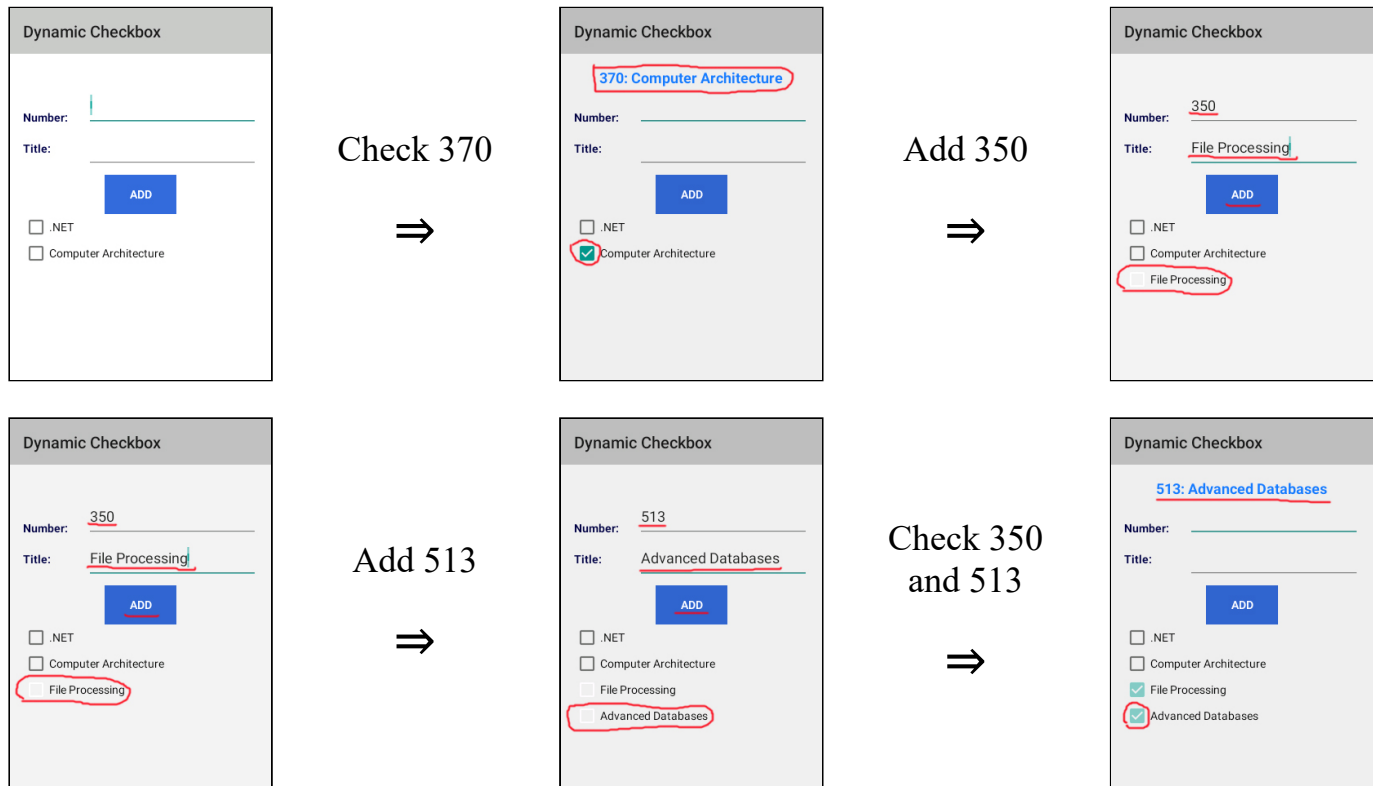


Slide 9.12: Checkboxes: Java source code
 Slide 9.14: Dynamic checkboxes: layout file
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Dynamic Checkboxes



Many times, the UI is unknown when the app is developed. For example, the search results are varied based on the queries. This app, based on [Android Hub 4 You](#), allows users to

- Create checkboxes, consisting of a course number (key) and a title (value), dynamically by using both Java code and XML, and
- Show the key and value of the current selected checkbox.

DynamicCheckbox/app/src/main/AndroidManifest.xml

```

01 <?xml version="1.0" encoding="utf-8"?>
02 <manifest
03     xmlns:android = "http://schemas.android.com/apk/res/android"
04     package = "com.ecs.wenchen.dynamiccheckbox" >
05     <application
06         android:icon = "@mipmap/ic_launcher"
07         android:label = "Dynamic Checkbox"
08         android:theme = "@style/AppTheme" >
  
```

```
09     <activity
10         android:name = ".MainActivity"
11         android:label = "@string/app_name" >
12         <intent-filter>
13             <action android:name = "android.intent.action.MAIN" />
14             <category android:name = "android.intent.category.LAUNCHER" />
15         </intent-filter>
16     </activity>
17 </application>
18 </manifest>
```

Slide 9.12: Checkboxes: Java source code

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