Midterm test

Practice questions:

Part 2 Short answer questions:

Look at the database query function:

**db.query(false, "ITEMS", new String[] { "Colour", "Price", "Size" }, "Quantity > ? AND Name = ? ", new String[] { "20" , "Columbia"}, null, null, null, null);**

Write the equivalent SQL rawQuery string:

1. Look at this SQL rawQuery string:

**"SELECT DISTINCT SHAPE,COLOUR FROM OBJECTS WHERE NAME <> TRIANGLE "**

Write the equivalent db.query( ) function call, and you must use a question mark "?" in the where clause:

1. Write the XML tag for a string resource in the strings.xml file, called "ButtonName" and the value should be "I’m a button":
2. Look at the XML layout on the last page of the exam (you can rip that page off). Draw by hand what the following layout will look like on the screen:

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical" android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<TextView

android:text="Greetings!"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/greetings" />

<LinearLayout

android:orientation="horizontal"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content">

<CheckBox

android:text="Do you accept?"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/check\_box"

android:layout\_weight="1" />

<Button

android:text="Click Me!"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/click\_me\_button"

android:layout\_weight="1" />

</LinearLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<Button

android:text="Say:"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/sayButton"

android:layout\_alignParentBottom="true"

android:layout\_alignParentEnd="true"

android:layout\_toEndOf="@+id/text\_input " />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:hint="Type here"

android:id="@+id/text\_input"

android:layout\_alignParentBottom="true"

android:layout\_alignParentStart="true" />

</RelativeLayout>

</LinearLayout>