Ahsanullah University of Science and Technology

Department of Computer Science and Engineering
Spring 2021

Program: Bachelor of Science in Computer Science and Engineering

Course No: CSE2200
Course Title: The Software Development III

Assignment No: 01
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Submitted to

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Assistant Professor, Department of CSE, AUST.
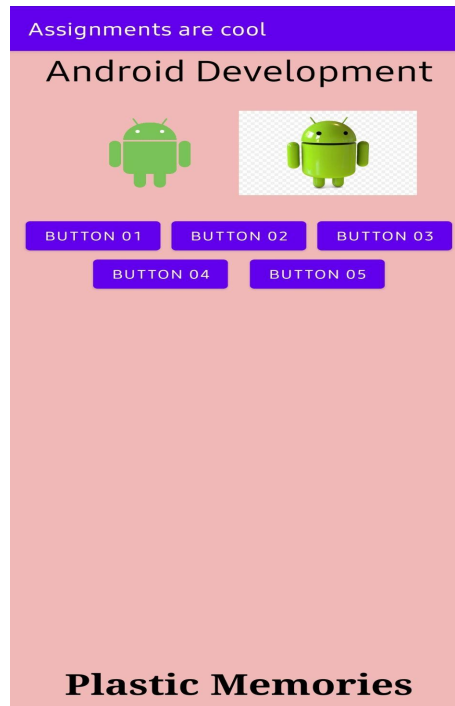
Mr. Md. Siam Ansary
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Submitted by

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Question: Write necessary codes for designing the following.

Solution:

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:background="#f1b8b8"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <TextView
        android:id="@+id/devtext"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textColor="#000000"
        android:text="Android Development"
        android:textSize="36dp"
        android:gravity="center_horizontal"/>
    <LinearLayout
        android:id="@+id/imglayout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:layout_below="@id/devtext"
```

```xml
        android:orientation="horizontal">
        <ImageView
            android:layout_width="160dp"
            android:layout_height="160dp"
            android:src="@drawable/android1"/>
        <ImageView
            android:layout_width="160dp"
            android:layout_height="160dp"
            android:src="@drawable/android2"/>
    </LinearLayout>
    <LinearLayout
        android:id="@+id/buttonlayout1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:layout_below="@id/imglayout"
        android:orientation="horizontal">
        <Button
            android:id="@+id/btn1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="BUTTON 01" />
        <Button
            android:id="@+id/btn2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginHorizontal="10dp"
            android:text="BUTTON 02" />
        <Button
            android:id="@+id/btn3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="BUTTON 03" />
    </LinearLayout>
    <LinearLayout
        android:id="@+id/buttonlayout2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:layout_below="@id/buttonlayout1"
        android:orientation="horizontal">
        <Button
            android:id="@+id/btn4"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginRight="10dp"
            android:text="BUTTON 04" />
        <Button
            android:id="@+id/btn5"
```

```xml
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="10dp"
            android:text="BUTTON 05" />
    </LinearLayout>
    <TextView
        android:id="@+id/one"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Plastic Memories"
        android:textSize="36dp"
        android:gravity="center_horizontal"
        android:fontFamily="serif"
        android:textStyle="bold"
        android:textColor="#000000"
        android:layout_margin="10dp"
        android:layout_alignParentBottom="true"/>
</RelativeLayout>
```

strings.xml

```xml
<resources>
    <string name="app_name">Assignments are cool</string>
</resources>
```

MainActivity.kt

```kotlin
package com.softLab.assignment01

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_main)
     }
}
```