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

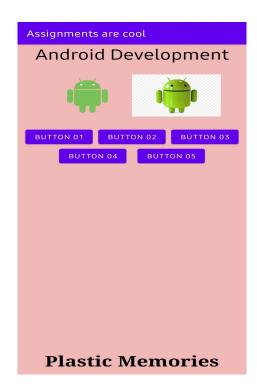
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Submitted by

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Question: Write necessary codes for designing the following.



Solution:

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
xmlns:android="http://schemas.android.com/apk/res/android"
  android:background="#f1b8b8"
  android:layout width="match parent"
  android:layout height="match parent">
      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"/>
      android:id="@+id/imglayout"
      android:layout width="match parent"
      android:layout height="wrap content"
      android:gravity="center"
      android:layout below="@id/devtext"
```

```
android:orientation="horizontal">
    android:layout width="160dp"
    android:layout height="160dp"
    android:src="@drawable/android1"/>
    android:layout width="160dp"
    android: layout height="160dp"
    android:src="@drawable/android2"/>
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">
    android:id="@+id/btn1"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:text="BUTTON 01" />
    android:id="@+id/btn2"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout marginHorizontal="10dp"
    android:text="BUTTON 02" />
    android:id="@+id/btn3"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:text="BUTTON 03" />
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">
    android:id="@+id/btn4"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout marginRight="10dp"
    android:text="BUTTON 04" />
    android:id="@+id/btn5"
```

```
android:layout width="wrap content"
           android:layout height="wrap content"
           android:layout marginLeft="10dp"
           android:text="BUTTON 05" />
       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"/>
strings.xml
<resources>
   <string name="app name">Assignments are cool</string>
</resources>
MainActivity.kt
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)
      }
}
```