Ahsanullah University of Science and Technology



Department of Computer Science and Engineering Spring 2022

Program: Bachelor of Science in Computer Science and Engineering

Course No: CSE2200

Course Title: Software Development - |||

Assignment No: 01

Date of Submission: 13 December 2022

Submitted to

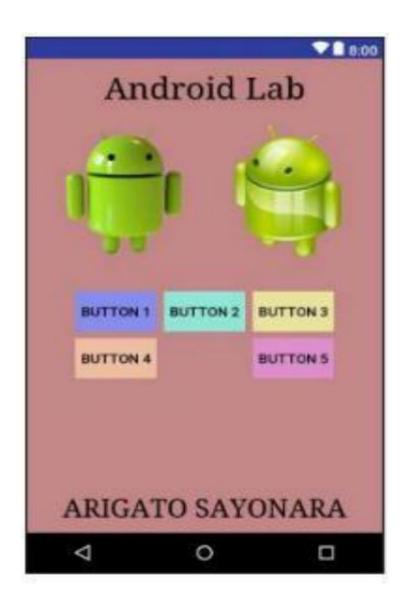
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Submitted by

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Question: Write necessary codes for the following design.



Solution:

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#FA867E"
    tools:context=".MainActivity">

<ImageView
        android:layout_width="180dp"
        android:layout_width="180dp"
        android:layout_height="250dp"
        android:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"</pre>
```

```
app:layout constraintHorizontal bias="0.96"
<ImageView</pre>
    android:textSize="50dp"
    android:textStyle="bold"
    app:layout constraintEnd toEndOf="parent"
    android:textStyle="bold"
    app:layout constraintStart toStartOf="parent"
```

```
android:text="BUTTON 1
android:layout width="120dp"
app:layout constraintVertical bias="0.615" />
```

```
android:id="@+id/button5"
android:layout_width="120dp"
android:layout_height="65dp"
android:layout_marginTop="12dp"
android:background="#EA4D82"
android:text="BUTTON 5"
android:textSize="15dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.969"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/button3"
app:layout_constraintTop_toBottomOf="@+id/button3"
app:layout_constraintVertical_bias="0.0" />
```

strings.xml

```
<resources>
     <string name="app_name">Assiignment1</string>
</resources>
```

MainActivity.java

```
package com.example.assiignment;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```