Experiment-1

Annapurna.B.Neelakari 1NT20IS401

CODE

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</p>
 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:layout margin="40px"
 android:orientation="vertical"
 android:background="#75a3a3"
 tools:context=".MainActivity">
 <TextView
    android:id="@+id/textView"
   android:layout marginTop="60dp"
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="CALCULATOR"
    android:gravity="center"
    android:textColor="#ffffff"
    android:textSize="30dp"/>
 <EditText
    android:id="@+id/editTextTextPersonName"
    android:layout_marginTop="60dp"
    android:layout width="match parent"
    android:layout height="wrap content"
    android:gravity="right"
    android:text="0"
    android:textColor="#ffffff"
```

```
android:textSize="30dp"/>
<LinearLayout
  android:layout width="match parent"
  android:layout height="wrap content"
  android:orientation="horizontal">
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/nine"
    android:text="9"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/eight"
    android:text="8"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/seven"
    android:text="7"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/plus"
    android:textSize="25dp"
    android:text="+"
    android:layout weight="1"/>
</LinearLayout>
<LinearLayout
```

```
android:layout width="match parent"
  android:layout height="wrap content"
  android:orientation="horizontal">
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/six"
    android:text="6"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/five"
    android:text="5"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/four"
    android:text="4"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/minus"
    android:textSize="25dp"
    android:text="-"
    android:layout weight="1"/>
</LinearLayout>
<LinearLayout
  android:layout width="match parent"
  android:layout height="wrap content"
  android:orientation="horizontal">
```

```
<Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/three"
    android:text="3"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/two"
    android:text="2"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/one"
    android:text="1"
    android:textSize="25dp"
    android:layout weight="1"/>
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
    android:id="@+id/multiplication"
    android:textSize="25dp"
    android:text="*"
    android:layout weight="1"/>
</LinearLayout>
<LinearLayout
  android:layout width="match parent"
  android:layout height="wrap content"
  android:orientation="horizontal">
  <Button
    android:layout width="match parent"
    android:layout height="80dp"
```

```
android:id="@+id/dot"
     android:text="."
     android:textSize="25dp"
     android:layout weight="1"/>
  <Button
     android:layout_width="match_parent"
     android:layout height="80dp"
     android:id="@+id/zero"
     android:text="0"
     android:textSize="25dp"
     android:layout weight="1"/>
  <Button
     android:layout_width="match_parent"
     android:layout height="80dp"
     android:id="@+id/equal"
     android:text="="
     android:textSize="25dp"
     android:layout weight="1"/>
  <Button
     android:layout width="match parent"
     android:layout height="80dp"
     android:id="@+id/division"
     android:textSize="25dp"
     android:text="/"
     android:layout weight="1"/>
</LinearLayout>
<Button
  android:layout width="match parent"
  android:layout height="80dp"
  android:id="@+id/division"
  android:textSize="25dp"
  android:text="Clear"
  />
</LinearLayout>
```

OUTPUT

