**Q.)14 Write android code to make a phone call using intent design proper UI.**

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"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="164dp"  
 android:layout\_height="60dp"  
 android:layout\_marginTop="108dp"  
 android:text="Make a Call"  
 android:textSize="25sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.546"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <EditText  
 android:id="@+id/editTextNumber"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="84dp"  
 android:ems="10"  
 android:hint="Type number with +91"  
 android:inputType="number"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.592"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="108dp"  
 android:text="Call"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.544"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextNumber" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

package com.example.phonecallintent;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
 Button btn;  
 EditText Phno;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 btn= findViewById(R.id.*button*);  
 Phno = findViewById(R.id.*editTextNumber*);  
  
 btn.setOnClickListener(arg -> {  
// getting phone number from edit text and changing it toString  
 String phone\_number = Phno.getText().toString();  
// Getting instance of Intent with action as ACTION\_CALL  
Intent phone\_intent = new Intent(Intent.*ACTION\_CALL*);  
// Set data of Intent through Uri by parsing phone number  
phone\_intent.setData(Uri.*parse*("tel:" + phone\_number));  
// start Intent  
startActivity(phone\_intent);  
 });  
 }  
}