**ASSIGNMENT NO.3**

**Name:Sharjeel wakeel**

**Reg#:18-arid-2709**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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:orientation="vertical"  
 android:layout\_height="match\_parent"  
 tools:context=".donationApp">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 >  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="WELCOME!"  
 android:textSize="40dp"  
 android:fontFamily="sans-serif"  
  
 />  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="please give gernously"  
 android:textSize="20dp"  
 />  
  
 </LinearLayout>  
  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 >  
 <RadioGroup  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_weight="1"  
 android:layout\_gravity="center"  
 >  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="paypal"  
 />  
  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Direct"  
 />  
 </RadioGroup>  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
 <Button  
 android:layout\_width="50dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:text="+"  
 android:layout\_marginHorizontal="2dp"  
 android:id="@+id/plus"  
 />  
 <NumberPicker  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:layout\_gravity="bottom"  
 android:id="@+id/pick"  
  
  
 />  
 <Button  
 android:layout\_width="50dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:text="-"  
 android:layout\_marginHorizontal="2dp"  
 android:id="@+id/min"  
 />  
 </LinearLayout>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 >  
 <SeekBar  
 android:layout\_width="match\_parent"  
 android:layout\_height="40dp"  
 android:id="@+id/seekbar"  
  
 />  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 >  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="amount"  
 />  
 <EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="amount"  
 android:id="@+id/amount"  
 android:layout\_weight="1"  
 />  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_gravity="center\_horizontal"  
 >  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Donate"  
 android:id="@+id/btn"  
 android:layout\_marginTop="10dp"  
 />  
 </LinearLayout>  
  
  
</LinearLayout>

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.NumberPicker;  
import android.widget.SeekBar;  
  
public class donationApp extends AppCompatActivity {  
Button plus,minus,btn;  
NumberPicker np;  
SeekBar sb;  
EditText t;  
int amount=0;  
int total\_amount=0;  
  
 int price=0;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_donation\_app*);  
 plus=(Button) findViewById(R.id.*plus*);  
 minus=(Button) findViewById(R.id.*min*);  
 btn=(Button)findViewById(R.id.*btn*);  
 np=(NumberPicker)findViewById(R.id.*pick*) ;  
 sb=(SeekBar)findViewById(R.id.*seekbar*) ;

sb.setMax(10000);  
 np.setMaxValue(10000);  
 np.setMinValue(0);  
 t=(EditText)findViewById(R.id.*amount*) ;  
 plus.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 price=np.getValue();  
 price++;  
 np.setValue(price);  
  
  
 }  
 });  
 minus.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 price=np.getValue();  
 if(price==0){  
 np.setValue(0);  
 }  
 else{  
 np.setValue(--price);  
 }  
  
 }  
 });  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 amount=Integer.*parseInt*( t.getText().toString());  
 int price=np.getValue();  
 total\_amount=price+amount;  
 t.setText(Integer.*toString*(total\_amount));  
 sb.setProgress(total\_amount);  
  
  
  
 }  
 });  
  
 }  
}