**Cancer Screening Patient registration System**

**Coding:**

**Manifest.Xml:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.sweethome.cancerhack"** >  
 <**uses-feature  
 android:name="android.hardware.camera"  
 android:required="false"** />  
  
 <**uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE"** />  
 <**uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION"** />  
  
  
 <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:theme="@style/AppTheme"** >  
 <**activity  
 android:name=".HabitsActivity"  
 android:label="@string/title\_activity\_habits"** >  
 </**activity**>  
 <**activity  
 android:name=".Start\_Activity"  
 android:label="@string/title\_activity\_start"** >  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 <**activity  
 android:name=".CameraActivity"  
 android:label="@string/title\_activity\_camera"** >  
 </**activity**>  
 <**activity  
 android:name=".MainActivity"  
 android:label="@string/title\_activity\_main"** >  
  
 </**activity**>  
 </**application**>  
  
</**manifest**>

**Strings.Xml:**

<**resources**>  
 <**string name="app\_name"**>CancerHack</**string**>  
  
 <**string name="hello\_world"**>Hello world!</**string**>  
 <**string name="action\_settings"**>Settings</**string**>  
 <**string name="name"**>Full Name</**string**>  
 <**string name="Gender"**>Gender</**string**>  
 <**string name="D.O.B"**>D.O.B</**string**>  
 <**string name="phno"**>phno</**string**>  
 <**string name="email"**>email</**string**>  
 <**string name="address"**>address</**string**>  
 <**string name="title\_activity\_habits"**>HabitsActivity</**string**>  
 <**string name="title\_activity\_start"**>StartActivity</**string**>  
 <**string name="ConsumesCigarettes"**>Consumes Cigarettes</**string**>  
 <**string name="alc"**>Consumes Alcohol</**string**>  
 <**string name="pan"**>Consumes PanMasala</**string**>  
 <**string name="title\_activity\_camera"**>CameraActivity</**string**>  
 <**string name="camera"**>Camera</**string**>  
 <**string name="title\_activity\_main"**>MainActivity</**string**>  
</**resources**>

**InitialActivity.Xml:**

<**ScrollView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:background="#73bcff"  
 tools:context="com.example.sweethome.cancerhack.Start\_Activity"**>  
  
 <**TextView android:text="CancerHack" android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="#f162ff"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:id="@+id/textView"** />  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Upload Patient Details"  
 android:id="@+id/button4"  
 android:onClick="patient"  
 android:layout\_marginTop="58dp"  
 android:layout\_below="@+id/textView2"  
 android:layout\_centerHorizontal="true"** />  
 <**TextView  
 android:text="Welcome to CancerHack"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="#ff5d5b"  
 android:id="@+id/textView2"  
 android:layout\_below="@+id/textView"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="65dp"** />  
  
</**RelativeLayout**>  
</**ScrollView**>

**MainActivity.Xml:**

<**ScrollView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 xmlns:android="http://schemas.android.com/apk/res/android"** >  
<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin" tools:context=".MainActivity"**>  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/name"  
 android:hint="@string/name"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginTop="48dp"** />  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/Gender"  
 android:layout\_below="@+id/name"  
 android:hint="@string/Gender"** />  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/D.O.B"  
 android:layout\_below="@+id/Gender"  
 android:hint="@string/D.O.B"** />  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/phno"  
 android:layout\_below="@+id/D.O.B"  
 android:hint="@string/phno"** />  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/email"  
 android:layout\_below="@+id/phno"  
 android:hint="@string/email"** />  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/add"  
 android:layout\_below="@+id/email"  
 android:hint="@string/address"** />  
  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="?android:attr/textAppearanceLarge"  
 android:text="Patient Details"  
 android:id="@+id/textView"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
 <**Button android:id="@+id/btnAdd"  
 android:text="Add"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/add"**/>  
 <**Button android:id="@+id/btnDelete"  
 android:text="Delete"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@+id/btnShowInfo"  
 android:layout\_alignRight="@+id/add"  
 android:layout\_alignEnd="@+id/add"** />  
  
 <**Button android:id="@+id/btnViewAll"  
 android:text="View All"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/add"  
 android:layout\_centerHorizontal="true"** />  
 <**Button android:id="@+id/btnShowInfo"  
 android:text="Show"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/btnViewAll"  
 android:layout\_toRightOf="@+id/textView"  
 android:layout\_toEndOf="@+id/textView"** />  
  
 <**Button  
 android:id="@+id/button"  
 android:text="Eating Habits"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:onClick="habits"**/>  
  
</**RelativeLayout**>  
</**ScrollView**>

**EatingHabits.Xml:**

<**ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"**>  
  
<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.sweethome.cancerhack.HabitsActivity"** >  
  
 <**TextView android:text="Eating Habits"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:textColor="#F00"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:id="@+id/txtv"**/>  
 <**CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/chkbox1"  
 android:text="@string/ConsumesCigarettes"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:layout\_marginTop="40dp"  
 android:layout\_below="@+id/txtv"  
 android:layout\_centerHorizontal="true"  
 android:onClick="chkboxes"** />  
 <**CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/chkbox2"  
 android:text="@string/alc"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:layout\_below="@+id/chkbox1"  
 android:layout\_alignLeft="@+id/chkbox1"  
 android:layout\_alignStart="@+id/chkbox1"  
 android:layout\_marginTop="46dp"  
 android:onClick="chkboxes"**/>  
 <**CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/chkbox3"  
 android:text="@string/pan"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:layout\_below="@+id/chkbox2"  
 android:layout\_alignLeft="@+id/chkbox2"  
 android:layout\_alignStart="@+id/chkbox2"  
 android:layout\_marginTop="46dp"  
 android:onClick="chkboxes"**/>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Done"  
 android:id="@+id/button2"  
 android:layout\_marginTop="35dp"  
 android:onClick="done"  
 android:layout\_below="@+id/chkbox3"  
 android:layout\_alignRight="@+id/tv"  
 android:layout\_alignEnd="@+id/tv"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="?android:attr/textAppearanceLarge"  
 android:text="Large Text"  
 android:id="@+id/tv"  
 android:layout\_below="@+id/button2"  
 android:layout\_alignLeft="@+id/chkbox3"  
 android:layout\_alignStart="@+id/chkbox3"  
 android:layout\_marginTop="50dp"  
 android:textColor="#F08"**/>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="View Camera"  
 android:id="@+id/button3"  
 android:onClick="camera"  
 android:layout\_alignTop="@+id/button2"  
 android:layout\_toRightOf="@+id/txtv"  
 android:layout\_toEndOf="@+id/txtv"** />  
</**RelativeLayout**>  
</**ScrollView**>

**CameraActivity.Xml:**

<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.sweethome.cancerhack.CameraActivity"**>  
  
 <**TextView android:text="photo successfully taken" android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"** />  
  
</**RelativeLayout**>

**InitialActivity.java:**

**package** com.example.sweethome.cancerhack;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.Button;  
  
**public class** Start\_Activity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_start\_);  
 }  
 **public void** patient(View v)  
 {  
 String bt;  
 bt=((Button)v).getText().toString();  
 **if** (bt.equals(**"Upload Patient Details"**))  
 {  
 startActivity(**new** Intent(**this**, com.example.sweethome.cancerhack.MainActivity.**class**));  
 }  
 }  
  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
 *// Inflate the menu; this adds items to the action bar if it is present.* getMenuInflater().inflate(R.menu.menu\_front\_activity, menu);  
 **return true**;  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 *// Handle action bar item clicks here. The action bar will  
 // automatically handle clicks on the Home/Up button, so long  
 // as you specify a parent activity in AndroidManifest.xml.* **int** id = item.getItemId();  
  
 *//noinspection SimplifiableIfStatement* **if** (id == R.id.action\_settings) {  
 **return true**;  
 }  
  
 **return super**.onOptionsItemSelected(item);  
 }  
}

**MainActivity.java:**

**package** com.example.sweethome.cancerhack;  
  
**import** android.app.Activity;  
**import** android.app.AlertDialog;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.media.SoundPool;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
**import** com.example.sweethome.cancerhack.R;  
  
**import** java.util.Locale;  
  
**public class** MainActivity **extends** Activity **implements** View.OnClickListener  
{  
 EditText name,Gender,phno,email,add,DOB;  
 Button btnAdd,btnDelete,btnViewAll,btnShowInfo;  
 SQLiteDatabase db;  
 */\*\* Called when the activity is first created. \*/* @Override  
 **public void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 name=(EditText)findViewById(R.id.name);  
 Gender=(EditText)findViewById(R.id.Gender);  
 DOB=(EditText)findViewById(R.id.D\_O\_B);  
 phno=(EditText)findViewById(R.id.phno);  
 email=(EditText)findViewById(R.id.email);  
 add=(EditText)findViewById(R.id.add);  
 btnAdd=(Button)findViewById(R.id.btnAdd);  
 btnDelete=(Button)findViewById(R.id.btnDelete);  
 btnViewAll=(Button)findViewById(R.id.btnViewAll);  
 btnShowInfo=(Button)findViewById(R.id.btnShowInfo);  
 btnAdd.setOnClickListener(**this**);  
 btnDelete.setOnClickListener(**this**);  
 btnViewAll.setOnClickListener(**this**);  
 btnShowInfo.setOnClickListener(**this**);  
 db=openOrCreateDatabase(**"DB"**, Context.MODE\_PRIVATE, **null**);  
 db.execSQL(**"CREATE TABLE IF NOT EXISTS sample(name VARCHAR,Gender VARCHAR,DOB VARCHAR,phno VARCHAR,email VARCHAR,address VARCHAR);"**);  
 }  
 **public void** habits(View v)  
 {  
 String bt;  
 bt=((Button)v).getText().toString();  
 **if** (bt.equals(**"Eating Habits"**))  
 {  
 startActivity(**new** Intent(**this**,HabitsActivity.**class**));  
 }  
 }  
 **public void** onClick(View view)  
 {  
 **if**(view==btnAdd)  
 {  
 **if**(name.getText().toString().trim().length()==0||  
 Gender.getText().toString().trim().length()==0||  
 phno.getText().toString().trim().length()==0||  
 DOB.getText().toString().trim().length()==0||email.getText().toString().trim().length()==0||add.getText().toString().trim().length()==0)  
 {  
 showMessage(**"Error"**, **"Please enter all values"**);  
 **return**;  
 }  
 db.execSQL(**"INSERT INTO sample VALUES('"** + name.getText() + **"','"** + Gender.getText() +  
 **"','"** + DOB.getText() + **"','"** + phno.getText() + **"','"** + email.getText() + **"','"** + add.getText() + **"');"**);  
 showMessage(**"Success"**, **"Record added"**);  
 clearText();  
 }  
 **if**(view==btnDelete)  
 {  
 **if**(name.getText().toString().trim().length()==0)  
 {  
 showMessage(**"Error"**, **"Please enter name"**);  
 **return**;  
 }  
 Cursor c=db.rawQuery(**"SELECT \* FROM sample WHERE name='"**+name.getText()+**"'"**, **null**);  
 **if**(c.moveToFirst())  
 {  
 db.execSQL(**"DELETE FROM sample WHERE name='"** + name.getText() + **"'"**);  
 showMessage(**"Success"**, **"Record Deleted"**);  
 }  
 **else** {  
 showMessage(**"Error"**, **"Invalid name"**);  
 }  
 clearText();  
 }  
 **if**(view==btnViewAll)  
 {  
 Cursor c=db.rawQuery(**"SELECT \* FROM sample"**, **null**);  
 **if**(c.getCount()==0)  
 {  
 showMessage(**"Error"**, **"No records found"**);  
 **return**;  
 }  
 StringBuffer buffer=**new** StringBuffer();  
 **while**(c.moveToNext())  
 {  
 buffer.append(**"Name: "**+c.getString(0)+**"\n"**);  
 buffer.append(**"Gender: "**+c.getString(1) + **"\n\n"**);  
 buffer.append(**"DOB: "**+c.getString(2)+**"\n\n"**);  
 buffer.append(**"phno: "**+c.getString(3)+**"\n\n"**);  
 buffer.append(**"email: "**+c.getString(4)+**"\n\n"**);  
 buffer.append(**"add: "**+c.getString(5)+**"\n\n"**);  
 }  
 showMessage(**"Details"**, buffer.toString());  
 }  
 **if**(view==btnShowInfo)  
 {  
 showMessage(**"patient Information"**, **"Developed By TCE MCA"**);  
 }  
 }  
 **public void** showMessage(String title,String message)  
 {  
 AlertDialog.Builder builder=**new** AlertDialog.Builder(**this**);  
 builder.setCancelable(**true**);  
 builder.setTitle(title);  
 builder.setMessage(message);  
 builder.show();  
 }  
 **public void** clearText()  
 {  
 name.setText(**""**);  
 Gender.setText(**""**);  
 DOB.setText(**""**);  
 phno.setText(**""**);  
 email.setText(**""**);  
 add.setText(**""**);  
 name.requestFocus();  
 }  
}

**EatingHabitsActivity.java:**

**package** com.example.sweethome.cancerhack;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.CheckBox;  
**import** android.widget.Checkable;  
**import** android.widget.TextView;  
  
**import** java.util.ArrayList;  
  
**public class** HabitsActivity **extends** AppCompatActivity {  
ArrayList<String> **selection** = **new** ArrayList<String>();  
 TextView **textView**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_habits***);  
 **textView**=(TextView)findViewById(R.id.***tv***);  
 **textView**.setEnabled(**false**);  
 }  
  
 **public void** chkboxes(View view)  
 {  
 **boolean** check=((CheckBox)view).isChecked();  
 **switch** (view.getId())  
 {  
 **case** R.id.***chkbox1***:  
 **if**(check)  
 {  
 **selection**.add(**"Cigarettes"**);  
 }  
 **else** {  
 **selection**.remove(**"Cigarettes"**);  
 }  
 **break**;  
 **case** R.id.***chkbox2***:  
 **if**(check)  
 {  
 **selection**.add(**"Alcohol"**);  
 }  
 **else** {  
 **selection**.remove(**"Alcohol"**);  
 }  
 **break**;  
 **case** R.id.***chkbox3***:  
 **if**(check)  
 {  
 **selection**.add(**"PanMasala"**);  
 }  
 **else** {  
 **selection**.remove(**"PanMasala"**);  
 }  
 **break**;  
 }  
 }  
 **public void** done(View v)  
 {  
 String final\_sel=**""**;  
 **for**(String sel:**selection**)  
 {  
 final\_sel=final\_sel+sel+**"\n"**;  
 }  
 **textView**.setText(final\_sel);  
 **textView**.setEnabled(**true**);  
 }  
 **public void** camera(View v)  
 {  
 String bt;  
 bt=((Button)v).getText().toString();  
 **if** (bt.equals(**"View Camera"**))  
 {  
 startActivity(**new** Intent(**this**,CameraActivity.**class**));  
 }  
 }  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
 *// Inflate the menu; this adds items to the action bar if it is present.* getMenuInflater().inflate(R.menu.***menu\_front\_activity***, menu);  
 **return true**;  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 *// Handle action bar item clicks here. The action bar will  
 // automatically handle clicks on the Home/Up button, so long  
 // as you specify a parent activity in AndroidManifest.xml.* **int** id = item.getItemId();  
  
 *//noinspection SimplifiableIfStatement* **if** (id == R.id.***action\_settings***) {  
 **return true**;  
 }  
  
 **return super**.onOptionsItemSelected(item);  
 }  
}

**CameraActivity.java:**

**package** com.example.sweethome.cancerhack;  
  
**import** android.content.Intent;  
**import** android.net.Uri;  
**import** android.os.Environment;  
**import** android.provider.MediaStore;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.view.View;  
  
**import** java.io.File;  
**import** java.net.URI;  
**import** java.text.SimpleDateFormat;  
**import** java.util.Date;  
  
**public class** CameraActivity **extends** AppCompatActivity {  
**private static final int *camera1***=100;  
 **private static final int *MEDIA\_TYPE\_IMAGE***=1;  
 **private** Uri **fileUri**;  
 **public static final int *MEDIA\_TYPE\_VIDEO***=2;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_camera***);  
 Intent intent =**new** Intent(MediaStore.***ACTION\_IMAGE\_CAPTURE***);  
 **fileUri** = *getOutputMediaFileUri*(***MEDIA\_TYPE\_IMAGE***);  
 intent.putExtra(MediaStore.***EXTRA\_OUTPUT***,**fileUri**);  
 startActivityForResult(intent,***camera1***);  
 }  
 **private static** Uri getOutputMediaFileUri(**int** type)  
 {  
 **return** Uri.*fromFile*(*getOutputMediaFile*(type));  
 }  
 **private static** File getOutputMediaFile(**int** type)  
 {  
 File mediaStorageDir=**new** File(Environment.*getExternalStoragePublicDirectory*(Environment.*DIRECTORY\_PICTURES*),**"MyCameraApp"**);  
 **if**(!mediaStorageDir.exists())  
 {  
 **if**(!mediaStorageDir.mkdirs())  
 {  
 Log.*d*(**"MyCameraApp"**,**"Failed to Create directory"**);  
 **return null**;  
 }  
 }  
 String timestamp=**new** SimpleDateFormat(**"yyyyMMdd\_HHmmss"**).format(**new** Date());  
 File mediaFile;  
 **if**(type==***MEDIA\_TYPE\_IMAGE***)  
 {  
 mediaFile=**new** File(mediaStorageDir.getPath()+File.***separator***+**"IMG\_"**+timestamp+**".jpg"**);  
 }  
 **else if** (type==***MEDIA\_TYPE\_VIDEO***)  
 {  
 mediaFile=**new** File(mediaStorageDir.getPath()+File.***separator***+**"VID\_"**+timestamp+**".mp4"**);  
 }  
 **else** {  
 **return null**;  
 }  
 **return** mediaFile;  
 }  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
 *// Inflate the menu; this adds items to the action bar if it is present.* getMenuInflater().inflate(R.menu.***menu\_front\_activity***, menu);  
 **return true**;  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 *// Handle action bar item clicks here. The action bar will  
 // automatically handle clicks on the Home/Up button, so long  
 // as you specify a parent activity in AndroidManifest.xml.* **int** id = item.getItemId();  
  
 *//noinspection SimplifiableIfStatement* **if** (id == R.id.***action\_settings***) {  
 **return true**;  
 }  
  
 **return super**.onOptionsItemSelected(item);  
 }  
  
 }