Neeraj Appari S073

Practical No 5:

Aim: Create an android application to demonstrate Implicit Intent.

Use Intent for:

1) Camera

2) Browser

3) Phone Dial

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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="#EF0202"  
 tools:context=".MainActivity"**>  
  
 <**EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="111dp"  
 android:layout\_marginBottom="650dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:text="Yash Gupta S079"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="151dp"  
 android:layout\_height="44dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="244dp"  
 android:layout\_marginBottom="572dp"  
 android:text="Enter Website Name"** />  
  
 <**EditText  
  
 android:id="@+id/e1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="21dp"  
 android:layout\_marginBottom="569dp"  
 android:ems="10"  
 android:inputType="textPersonName"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="146dp"  
 android:layout\_height="48dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="246dp"  
 android:layout\_marginBottom="415dp"  
 android:text="Phone Number"** />  
  
 <**ImageButton  
 android:id="@+id/bt3"  
 android:layout\_width="180dp"  
 android:layout\_height="64dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="36dp"  
 android:layout\_marginBottom="233dp"  
 android:onClick="camo"  
 app:srcCompat="@android:drawable/ic\_menu\_camera"** />  
  
 <**ImageButton  
 android:id="@+id/bt2"  
 android:layout\_width="183dp"  
 android:layout\_height="65dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="33dp"  
 android:layout\_marginBottom="336dp"  
 android:onClick="call"  
 app:srcCompat="@android:drawable/ic\_menu\_call"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="138dp"  
 android:layout\_height="51dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="249dp"  
 android:layout\_marginBottom="241dp"  
 android:text="Camera"** />  
  
 <**Button  
 android:id="@+id/bt1"  
 android:layout\_width="171dp"  
 android:layout\_height="61dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="38dp"  
 android:layout\_marginBottom="493dp"  
 android:onClick="web"  
 android:text="Visit Link"** />  
  
 <**EditText  
 android:id="@+id/e2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="18dp"  
 android:layout\_marginBottom="424dp"  
 android:ems="10"  
 android:inputType="phone"** />  
  
</**RelativeLayout**>

package com.example.intent;

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 {

EditText e1,e2;

Button b1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

e1 = findViewById(R.id.e1);

e1 = findViewById(R.id.e2);

}

public void web(View view)

{

Intent intent = new Intent();

intent.setAction(Intent.ACTION\_VIEW);

intent.addCategory(Intent.CATEGORY\_BROWSABLE);

intent.setData(Uri.parse("http://"+e1.getText().toString()));

startActivity(intent);

}

public void call(View view)

{

Intent intent = new Intent(Intent.ACTION\_DIAL,Uri.parse("tel:"+e2.getText().toString()));

startActivity(intent);

}

public void camo(View view)

{

Intent intent = new Intent(MainActivity.this,Camera.class);

startActivity(intent);

}

}

**package** com.example.intent;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.graphics.Bitmap;  
**import** android.os.Bundle;  
**import** android.provider.MediaStore;  
**import** android.view.View;  
**import** android.widget.ImageView;  
  
**public class** Camera **extends** AppCompatActivity {  
  
  
 ImageView **im1**;  
 **private int pic**=12;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***cam***);  
 **im1**=findViewById(R.id.***imageView***);  
 }  
  
 **public void** pcam(View view){  
 Intent cameraIntent = **new** Intent(android.provider.MediaStore.***ACTION\_IMAGE\_CAPTURE***);  
 startActivityForResult(cameraIntent, **pic**);  
  
  
 }  
  
 @Override  
 **protected void** onActivityResult(**int** requestCode,**int** resultCode,Intent data)  
 {  
 **super**.onActivityResult(requestCode,resultCode,data);  
 **if** (requestCode==**pic** && requestCode==***RESULT\_OK*** && data!=**null**)  
 {  
 Bitmap photo =(Bitmap) data.getExtras().get(**"data"**);  
 **im1**.setImageBitmap(photo);  
 }  
  
 }  
  
  
  
}

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 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="#FFFFFF"  
 tools:context=".Camera"**>  
  
 <**Button  
 android:id="@+id/btn1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="198dp"  
 android:layout\_marginBottom="542dp"  
 android:onClick="pcam"  
 android:text="Start Camera"** />  
  
 <**ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="349dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="-1dp"  
 android:layout\_marginBottom="148dp"  
 app:srcCompat="@drawable/ic\_launcher\_background"** />  
 tools:layout\_editor\_absoluteX="57dp"  
 tools:layout\_editor\_absoluteY="133dp"  
  
  
</**RelativeLayout**>

