**Ex.no**.:6

Create a application to show multiple country in a Spinner

**Program:**

**MainActivity.java**

package com.example.spinner;

import android.os.Bundle;

import android.app.Activity;

import android.view.Menu;

import android.view.View;

import android.widget.AdapterView;

import android.widget.AdapterView.OnItemSelectedListener;

import android.widget.ArrayAdapter;

import android.widget.Spinner;

import android.widget.Toast;

public class MainActivity extends Activity implements OnItemSelectedListener{

String[]country={"India","USA","China","Japan","Other"};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Spinner spin=(Spinner)findViewById(R.id.spinner1);

spin.setOnItemSelectedListener(this);

ArrayAdapter aa=new ArrayAdapter(this,android.R.layout.simple\_spinner\_item,country);

aa.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

spin.setAdapter(aa);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.main, menu);

return true;

}

@Override

public void onItemSelected(AdapterView<?> arg0, View arg1, int position,

long id) {

// TODO Auto-generated method stub

Toast.makeText(getApplicationContext(), country[position], Toast.LENGTH\_LONG).show();

}

@Override

public void onNothingSelected(AdapterView<?> arg0) {

// TODO Auto-generated method stub

}}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<Spinner

android:id="@+id/spinner1"

android:layout\_width="149dp"

android:layout\_height="40dp"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="8dp"

/>

</RelativeLayout>

**Output:**



**Ex. No.**7

Create a application to show use of Datepicker

**Program:**

**MainActivity.java**

package com.example.date\_picker;

import android.os.Bundle;

import android.app.Activity;

import android.view.Menu;

import android.view.View;

import android.widget.Button;

import android.widget.DatePicker;

import android.widget.TextView;

public class MainActivity extends Activity {

DatePicker picker;

Button btnGet;

TextView tvw;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

tvw=(TextView)findViewById(R.id.textView1);

picker=(DatePicker)findViewById(R.id.datepicker1);

btnGet=(Button)findViewById(R.id.button1);

btnGet.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View V) {

tvw.setText("Selected Date:"+picker.getDayOfMonth()+"/"+(picker.getMonth()+1)+"/"+picker.getYear());

// TODO Auto-generated method stub

}});} }

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<DatePicker

android:id="@+id/datepicker1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="68dp"

/>

<Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignLeft="@+id/datepicker1"

android:layout\_below="@+id/datepicker1"

android:layout\_marginTop="22dp"

android:text="Get Date" />

<TextView

android:id="@+id/textView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_alignRight="@+id/datepicker1"

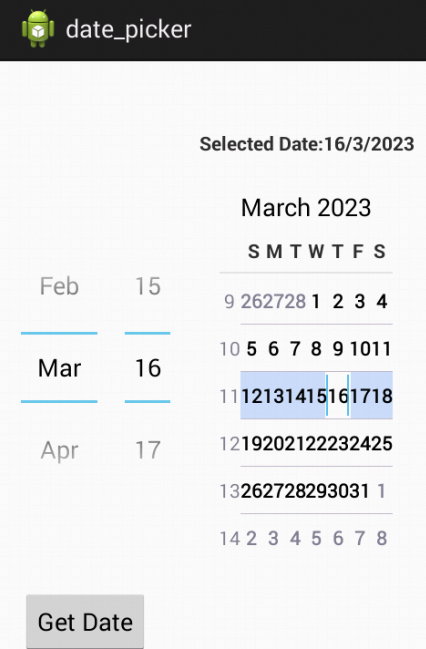
android:layout\_marginTop="34dp"

android:text="TextView"

android:textStyle="bold" />

</RelativeLayout>

**Output:**

****

**Ex.no.**8

Create an application to add Menu

**Program:**

**MainActivity.java**

package com.example.menu;

import android.os.Bundle;

import android.app.Activity;

import android.graphics.Color;

import android.view.Menu;

import android.view.MenuItem;

import android.widget.RelativeLayout;

public class MainActivity extends Activity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

public boolean onCreateOptionsMenu(Menu menu) {

menu.add(0,0,0,"RED");

menu.add(0,1,1,"BLUE");

menu.add(0,2,2,"GREEN");

menu.add(0,3,3,"YELLOW");

return super.onCreateOptionsMenu(menu);

}

public boolean onOptionsItemSelected(MenuItem item) {

// Inflate the menu; this adds items to the action bar if it is present.

RelativeLayout r1=(RelativeLayout)findViewById(R.id.re);

switch(item.getItemId())

{

case 0:

r1.setBackgroundColor(Color.RED);

break;

case 1:

r1.setBackgroundColor(Color.BLUE);

break;

case 2:

r1.setBackgroundColor(Color.GREEN);

break;

case 3:

r1.setBackgroundColor(Color.YELLOW);

break;

default :

r1.setBackgroundColor(Color.WHITE);

break;

}

return false;

}}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity"

android:id="@+id/re" >

<TextView

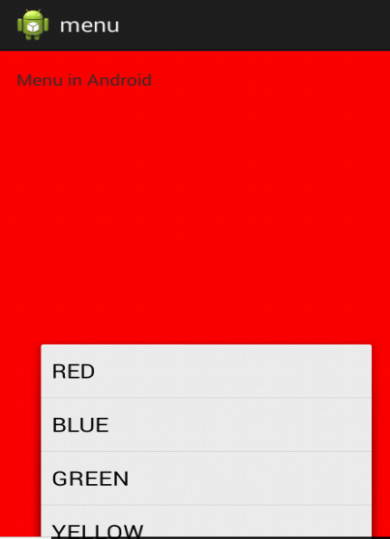
android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Menu in Android" />

</RelativeLayout>

**Output:**

****

**Ex. No.**9

Create an application to inflate Menu

**Program:**

**MainActivity.java**

package com.example.menuu;

import android.os.Bundle;

import android.app.Activity;

import android.graphics.Color;

import android.view.Menu;

import android.view.MenuItem;

import android.widget.RelativeLayout;

import android.widget.TextView;

public class MainActivity extends Activity {

private TextView txtView;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

txtView=(TextView)findViewById(R.id.txtView);

switch(item.getItemId()){

case R.id.menu\_red:txtView.setTextColor(Color.RED);

return true;

case R.id.menu\_green:txtView.setTextColor(Color.GREEN);

return true;

case R.id.menu\_blue:txtView.setTextColor(Color.BLUE);

return true;

case R.id.menu\_black:txtView.setTextColor(Color.BLACK);

return true;

default:

return false;

} }

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.main, menu);

return true;

}}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/txtView"

android:textSize="40dp"

android:text="MY MENU" />

</RelativeLayout>

**Main.xml (Menu)**

<menu xmlns:android="http://schemas.android.com/apk/res/android" >

<item android:id="@+id/menu\_red"

android:title="Red"/>

<item android:id="@+id/menu\_green"

android:title="Green"/>

<item android:id="@+id/menu\_blue"

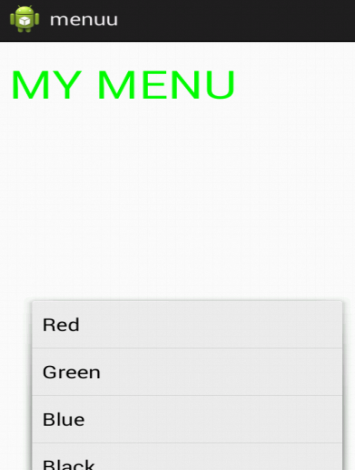
android:title="Blue"/>

<item android:id="@+id/menu\_black"

android:title="Black"/>

</menu>

**Output:**



**Ex. No.**10

Create a application to create Login module

**Program:**

**MainActivity.java**

package com.example.login;

import android.os.Bundle;

import android.app.Activity;

import android.view.Menu;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

public class MainActivity extends Activity {

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

public void validate(View V)

{

EditText et1=(EditText)findViewById(R.id.edittext1);

EditText et2=(EditText)findViewById(R.id.edittext2);

String id=et1.getText().toString();

String password=et2.getText().toString();

if(id.equals("Vinoth")&&password.equals("Karuna"))

{

Toast.makeText(this,"You have logged in successfullly..",Toast.LENGTH\_LONG).show();

}

else

{

Toast.makeText(this,"Invalid ID or Password..", Toast.LENGTH\_LONG).show();

}}}

**activity\_main.xml**

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<TextView

android:id="@+id/textView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentLeft="true"

android:layout\_alignParentTop="true"

android:layout\_marginLeft="42dp"

android:layout\_marginTop="56dp"

android:text="User ID:" />

<EditText

android:id="@+id/edittext1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignBaseline="@+id/textView1"

android:layout\_alignBottom="@+id/textView1"

android:layout\_marginLeft="35dp"

android:layout\_toRightOf="@+id/textView1"

android:ems="10"

android:hint="id"/>

<requestFocus/>

<EditText

android:id="@+id/edittext2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignBaseline="@+id/textView2"

android:layout\_alignBottom="@+id/textView2"

android:layout\_alignLeft="@+id/edittext1"

android:ems="10"

android:hint="password"

android:inputType="textPassword" />

<TextView

android:id="@+id/textView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignLeft="@+id/textView1"

android:layout\_below="@+id/edittext1"

android:layout\_marginTop="41dp"

android:text="Password"

tools:ignore="HardcodedText" />

<Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/edittext2"

android:layout\_marginTop="31dp"

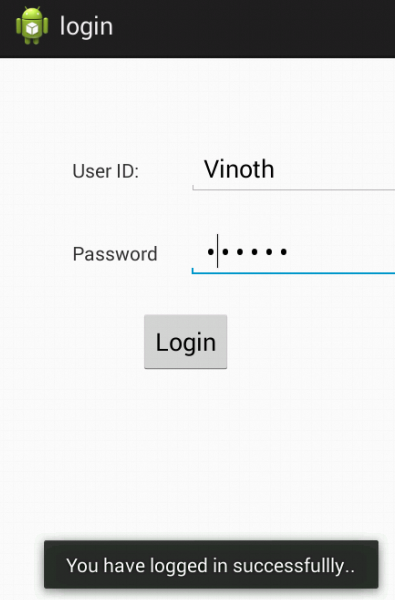
android:layout\_toRightOf="@+id/textView1"

android:onClick="validate"

android:text="Login" />

</RelativeLayout>

**Output:**

****

**Ex. No**.11

Create a application that will pass Next screen

**Program:**

**Main Activity.java**

package com.example.nxtscreen;

import android.os.Bundle;

import android.app.Activity;

import android.content.Intent;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends Activity {

EditText txtNum;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

final Intent i=new Intent(MainActivity.this,ShowList.class);

txtNum=(EditText)findViewById(R.id.txtNum);

final Button btnView=(Button)findViewById(R.id.btnView);

btnView.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view){

// i.putExtra("Num", txtNum.getText().toString());

i.putExtra("Num",Integer.parseInt(txtNum.getText().toString()));

startActivity(i);

}}); }}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<TextView

android:id="@+id/txtView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true"

android:layout\_marginEnd="150dp"

android:layout\_marginStart="150dp"

android:layout\_marginTop="26dp"

android:text="Enter Total Number of List Items" />

<EditText

android:id="@+id/txtNum"

android:layout\_width="250dp"

android:layout\_height="100dp"

android:layout\_below="@+id/txtView"

android:layout\_centerHorizontal="true"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="50dp"/>

<Button

android:id="@+id/btnView"

android:layout\_width="wrap\_content"

android:layout\_height="40dp"

android:layout\_below="@+id/txtNum"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="22dp"

android:text="View List"

/>

</RelativeLayout>

**Showlist.java**

package com.example.nxtscreen;

import android.os.Bundle;

import android.app.Activity;

import android.view.View;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.ListView;

import android.widget.Toast;

public class ShowList extends Activity implements AdapterView.OnItemClickListener {

ListView lv;

String items[];

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_list);

lv=(ListView)findViewById(R.id.listViewItems);

int num=getIntent().getIntExtra("Num", 0);

items=new String[num];

for(int i=0;i<num;i++)

{

items[i]="item"+(i+1);

}

ArrayAdapter<String> arr=new ArrayAdapter<String>(this,android.R.layout.simple\_list\_item\_1,items);

lv.setAdapter(arr);

lv.setOnItemClickListener(this);

}

@Override

public void onItemClick(AdapterView <?> arg0,View arg1,int pos,long arg3) {

Toast.makeText(this,items[pos]+"selected",Toast.LENGTH\_SHORT).show();

}}

**activity\_list.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".ShowList" >

<ListView

android:id="@+id/listViewItems"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="20dp"

android:layout\_marginTop="20dp" />

</RelativeLayout>

**AndroidManifest.xml:**

<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.example.nxtscreen"

android:versionCode="1"

android:versionName="1.0" >

<uses-sdk

android:minSdkVersion="8"

android:targetSdkVersion="18" />

<application

android:allowBackup="true"

android:icon="@drawable/ic\_launcher"

android:label="@string/app\_name"

android:theme="@style/AppTheme" >

<activity

android:name="com.example.nxtscreen.MainActivity"

android:label="@string/app\_name" >

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

<activity

android:name="ShowList"

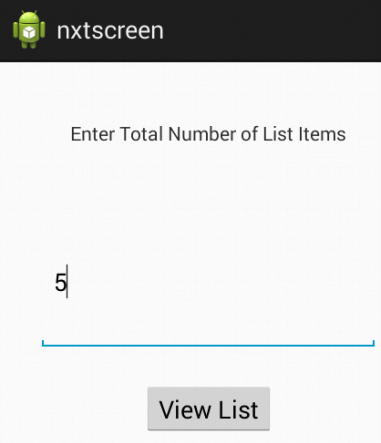
android:label="@string/title\_activity\_show\_list" >

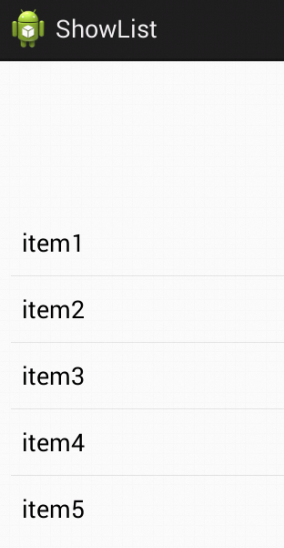
</activity>

</application>

</manifest>

**Output:**

****

****

**Ex. No.**12

Create a application to draw Concentric circle

**Program:**

**MainActivty.java**

package com.example.paint\_bitmap;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ImageView;

import android.widget.LinearLayout;

import android.widget.RelativeLayout;

import android.app.Activity;

import android.content.Context;

import android.content.res.Resources;

import android.graphics.Bitmap;

import android.graphics.Canvas;

import android.graphics.Color;

import android.graphics.Paint;

public class MainActivity extends Activity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Context mContext=getApplicationContext();

final Resources mResources=getResources();

RelativeLayout mRelativeLayout=(RelativeLayout)findViewById(R.id.rl);

LinearLayout mLLayout=(LinearLayout)findViewById(R.id.ll);

Button btnCircle=(Button)findViewById(R.id.btn2);

final ImageView mImageView=(ImageView)findViewById(R.id.imageView2);

btnCircle.setOnClickListener(new View.OnClickListener()

{

@Override

public void onClick(View view){

Bitmap cBitmap=Bitmap.createBitmap(mImageView.getWidth(),mImageView.getHeight(),Bitmap.Config.ARGB\_8888);

Canvas canvas=new Canvas(cBitmap);

float scale=getResources().getDisplayMetrics().density;

Paint p=new Paint();

p.setColor(Color.RED);

p.setStyle(Paint.Style.STROKE);

p.setStrokeWidth(3);

canvas.drawCircle(mImageView.getWidth()/2+0.7f, mImageView.getHeight()/2+0.7f, 50, p);

mImageView.setImageBitmap(cBitmap);

} }); }}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

android:id="@+id/rl"

tools:context=".MainActivity" >

<LinearLayout

android:id="@+id/ll"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentLeft="true"

android:layout\_alignParentTop="true"

android:layout\_marginLeft="77dp"

android:layout\_marginTop="18dp"

android:orientation="vertical" >

<Button

android:id="@+id/btn2"

android:layout\_width="100dp"

android:layout\_height="100dp"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="57dp"

android:layout\_weight="0.33"

android:text="Draw Circle" />

<ImageView

android:id="@+id/imageView2"

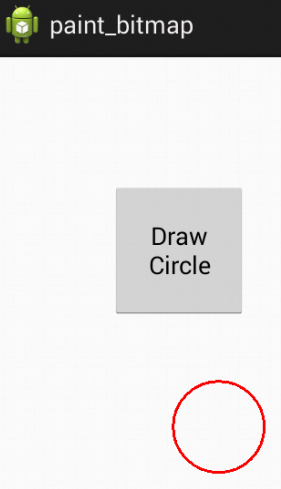
android:layout\_width="150dp"

android:layout\_height="150dp" />

</LinearLayout>

</RelativeLayout>

**Output:**



**Ex. No**.13

Create a application to show dialog to confirm that the user wishes to exit an Android Activity

**Program**:

**MainActivity.java**

package com.example.pop\_using\_alert;

import android.os.Bundle;

import android.app.Activity;

import android.app.AlertDialog;

import android.content.DialogInterface;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

public class MainActivity extends Activity {

Button closeButton;

AlertDialog.Builder builder;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

closeButton=(Button)findViewById(R.id.B1);

builder=new AlertDialog.Builder(this);

closeButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

builder.setMessage(R.string.dialogmessage).setTitle(R.string.dialogtitle);

builder.setMessage("Do you want to close this application???")

.setCancelable(false)

.setPositiveButton("YES",new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialog, int id) {

finish();

Toast.makeText(getApplicationContext(), "You choose YES action for alterbox", Toast.LENGTH\_SHORT).show();

}})

.setNegativeButton("No",new DialogInterface.OnClickListener(){

public void onClick(DialogInterface dialog, int id){

dialog.cancel();

Toast.makeText(getApplicationContext(), "You choose NO action for alterbox", Toast.LENGTH\_SHORT).show();

}});

AlertDialog alert=builder.create();

alert.setTitle("AlertDialogExample");

alert.show();

}});}}

**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<Button

android:id="@+id/B1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="178dp"

android:text="Close App"

/>

</RelativeLayout>

**Main.xml: (Menu)**

<menu xmlns:android="http://schemas.android.com/apk/res/android" >

<item

android:id="@+id/action\_settings"

android:orderInCategory="100"

android:showAsAction="never"

android:title="action\_settings"/>

</menu>

**Strings.xml**

<?xml version="1.0" encoding="utf-8"?>

<resources>

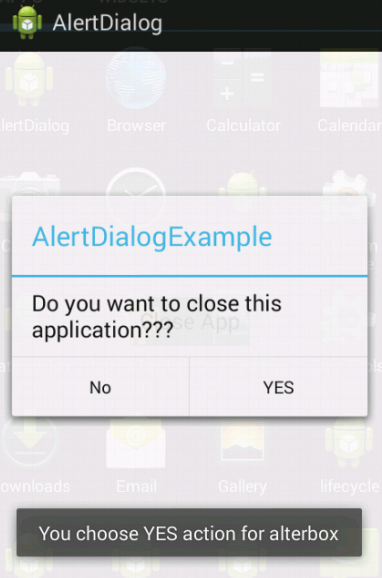
<string name="app\_name">AlertDialog</string>

<string name="dialogmessage">Welcome to Alert Dialog</string>

<string name="dialogtitle">Alert Dialog</string>

</resources>

**Output:**

****

**Ex.no:** 14

Create a application to show Datepicker dialog

**Program:**

**MainActivity.java**

package com.example.datepickerdialog;

import android.os.Bundle;

import android.app.Activity;

import android.app.DatePickerDialog;

import android.view.Menu;

import android.view.View;

import android.widget.Button;

import android.widget.DatePicker;

import android.widget.EditText;

import android.widget.Toast;

public class MainActivity extends Activity {

Button btnDate;

EditText txtDate;

int SelectedYear=2000;

int SelectedMonth=5;

int SelectedDayOfMonth=10;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

btnDate=(Button)findViewById(R.id.btnDatePicker);

txtDate=(EditText)findViewById(R.id.txtDate);

DatePickerDialog.OnDateSetListener dateSetListener=new DatePickerDialog.OnDateSetListener(){

@Override

public void onDateSet(DatePicker view,int year,int MonthOfYear,int dayOfMonth)

{

txtDate.setText(dayOfMonth+"-"+(MonthOfYear+1)+"-"+year);

Toast.makeText(getApplicationContext(),dayOfMonth+"-"+(MonthOfYear+1)+"-"+year,Toast.LENGTH\_SHORT).show();

} };

final DatePickerDialog datePickerDialog=new DatePickerDialog(MainActivity.this,dateSetListener,SelectedYear,SelectedMonth,SelectedDayOfMonth);

btnDate.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view){

datePickerDialog.show();

} });}}  
**activity\_main.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:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".DialogDemoActivity" >

<EditText

android:id="@+id/txtDate"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="50dp"

android:layout\_marginTop="20dp"

android:minHeight="48dp"

android:text="Get Date" />

<Button

android:id="@+id/btnDatePicker"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:layout\_toRightOf="@+id/txtDate"

android:text="Get Date" />

</RelativeLayout>

**Output:**

