**2. Create an application that displays a dialog window using an activity.**

**activity\_main.xml**

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

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

android:id="@+id/RelativeLayout1"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent"

android:background="#d8dff2"

android:orientation="vertical" >

<Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal="true"

android:layout\_centerVertical="true"

android:layout\_marginTop="183dp"

android:background="#3790e8"

android:text="Start a floating Activity" />

</RelativeLayout>

**mainactivity.java**

package com.example.dlab;

import android.app.Activity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

public class MainActivity extends Activity {

Button btnsecond\_activity;

/\*\* Called when the activity is first created. \*/

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

btnsecond\_activity=(Button)findViewById(R.id.button1);

btnsecond\_activity.setOnClickListener(new OnClickListener() {

@Override

public void onClick(View v) {

// TODO Auto-generated method stub

Intent intent=new Intent(getApplicationContext(), Main2Activity.class);

startActivity(intent);

}

});

}

}

**2nd activity**

**activity\_main2.xml**

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

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

android:layout\_width="150dip"

android:layout\_height="100dip"

android:orientation="vertical" >

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="7dip"

android:layout\_marginTop="40dip"

android:text="I am a floating Activity" />

</LinearLayout>

Main2activity.java;;;;;

package com.example.dlab;

import android.app.Activity;

import android.os.Bundle;

import android.view.Window;

public class Main2Activity extends Activity{

@Override

protected void onCreate(Bundle savedInstanceState) {

// TODO Auto-generated method stub

super.onCreate(savedInstanceState);

requestWindowFeature(Window.FEATURE\_NO\_TITLE);

setContentView(R.layout.activity\_main2);

}

}