*Q:- Demonstrate DatePicker and Alerts*

*Activity\_main.xml*

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.widget.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"  
 tools:context="com.example.admin.pract5.MainActivity"**>  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBaseline="@+id/button2"  
 android:layout\_alignBottom="@+id/button2"  
 android:layout\_alignLeft="@+id/datePicker"  
 android:layout\_alignStart="@+id/datePicker"  
 android:layout\_marginLeft="39dp"  
 android:layout\_marginStart="39dp"  
 android:onClick="open"  
 android:text="AlertDialog"** />  
  
 <**Button  
 android:id="@+id/button2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginLeft="39dp"  
 android:layout\_marginStart="39dp"  
 android:layout\_marginTop="35dp"  
 android:layout\_toEndOf="@+id/button"  
 android:layout\_toRightOf="@+id/button"  
 android:onClick="dispdate"  
 android:text="datePicker"** />  
  
 <**DatePicker  
 android:id="@+id/datePicker"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/button"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="13dp"** />  
  
</**android.widget.RelativeLayout**>

MAinActivity.java

**package** com.example.admin.pract5;  
  
**import** android.support.v7.app.AlertDialog;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.DatePicker;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 Button **btn**;  
 DatePicker **dp**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **btn**=(Button)findViewById(R.id.***button***);  
 **dp**=(DatePicker)findViewById(R.id.***datePicker***);  
 }  
  
 **public void** open(View view)  
 {  
 AlertDialog.Builder a = **new** AlertDialog.Builder(MainActivity.**this**);  
 a.setTitle(**"M.D.College"**);  
 a.setMessage(**"Android"**);  
 a.setIcon(R.mipmap.***ic\_launcher***);  
 a.setPositiveButton(**"ok"**,**null**);  
 a.show();  
 }  
  
 **public void** dispdate(View v)  
 {  
 Toast.*makeText*(getBaseContext(),**"Date selected:"** +(**dp**.getMonth() +1)+  
 **"/"** + **dp**.getDayOfMonth()+  
 **"/"** + **dp**.getYear(),Toast.***LENGTH\_SHORT***).show();  
 }  
}

 