

ANDROID.Manifest

MAIN.XML

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

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

    android:orientation="vertical"

    android:layout_width="fill_parent"

    android:layout_height="fill_parent"

    >

<TextView

    android:layout_width="fill_parent"

    android:layout_height="wrap_content"

    android:text="@string/hello"
```

```
    />

    <TextView android:text="TextView" android:id="@+id/textView1" android:layout_width="wrap_content"
    android:layout_height="wrap_content"></TextView>

    <TextView android:text="TextView" android:id="@+id/textView2" android:layout_width="wrap_content"
    android:layout_height="wrap_content"></TextView>

    <Button android:text="Date" android:id="@+id/button1" android:layout_width="wrap_content"
    android:layout_height="wrap_content"></Button>

    <Button android:text="Time" android:id="@+id/button2" android:layout_width="wrap_content"
    android:layout_height="wrap_content"></Button>

</LinearLayout>
```

Act.java

```
package picker.in;

import java.util.Calendar;
```

```
import android.app.Activity;

import android.app.DatePickerDialog;

import android.app.Dialog;

import android.app.TimePickerDialog;

import android.app.TimePickerDialog.OnTimeSetListener;

import android.os.Bundle;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

import android.widget.DatePicker;

import android.widget.TextView;

import android.widget.TimePicker;


public class picker extends Activity {

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

    static final int DATE_DIALOG_ID=1;
```

```
static final int d=1;

static final int TIME_DIALOG_ID=2;

private int yr,month,day;

private TextView pickDate;

private TextView dateDisplay;

private TextView displayTime;

private Button picktime;

private int hours,min;


@Override

public void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.main);


    dateDisplay=(TextView)findViewById(R.id.textView1);
```

```
pickDate=(Button)findViewById(R.id.button1);

pickDate.setOnClickListener(new OnClickListener(){

    public void onClick(View arg0) {

        // TODO Auto-generated method stub

        showDialog(DATE_DIALOG_ID);

    }

});

final Calendar cal=Calendar.getInstance();

yr=cal.get(Calendar.YEAR);

month=cal.get(Calendar.MONTH);

day=cal.get(Calendar.DAY_OF_MONTH);

UpdateDate();

displayTime=(TextView)findViewById(R.id.textView2);

picktime=(Button)findViewById(R.id.button2);

picktime.setOnClickListener(new OnClickListener(){

    public void onClick(View arg0) {
```

```
        // TODO Auto-generated method stub

        showDialog(TIME_DIALOG_ID);

    }

});

hours=cal.get(Calendar.HOUR);
min=cal.get(Calendar.MINUTE);
UpdateTime();

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

    public void onDateSet(DatePicker view,int year, int monthOfYear,int dayOfMonth) {

        // TODO Auto-generated method stub

        yr=year;

        month=monthOfYear;

        day=dayOfMonth;

    }

}
```

```
        UpdateDate();

    }

};

TimePickerDialog.OnTimeSetListener timesetListener=new TimePickerDialog.OnTimeSetListener() {

    public void onTimeSet(TimePicker view,int hourOfDay,int minute) {

        // TODO Auto-generated method stub

        hours=hourOfDay;

        min=minute;

        UpdateTime();

    }

};

protected Dialog onCreateDialog(int id){

    switch(id){
```

```
        case DATE_DIALOG_ID:

            return new DatePickerDialog(this,dateSetListener,yr,month,day);

        case TIME_DIALOG_ID:

            OnTimeSetListener.timeSetListener=null

            return new TimePickerDialog(this,timeSetListener,hours,min,false);

    }

    return null;

}

}

private void UpdateTime() {

    // TODO Auto-generated method stub
```



```
displayTime.setText(new StringBuilder().append(hours).append(':').append(min));  
}
```

```
private void UpdateDate() {  
    // TODO Auto-generated method stub  
    dateDisplay.setText(new StringBuilder()  
        .append(day)  
        .append('_')  
        .append(day)  
        .append('_')  
        .append(month+1)  
        .append('_')  
        .append('_')  
        .append(yr));  
}
```

}