Activity\_main.xml

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

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

**android:layout\_width="fill\_parent"**

**android:layout\_height="fill\_parent"**

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

**android:orientation="vertical"**

**tools:context=".MainActivity"**>

<**ScrollView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**>

<**LinearLayout**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:orientation="vertical"**>

<**TextView**

**android:id="@+id/lblDate"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Current Date (D-M-YYYY): "**

**android:textAppearance="?android:attr/textAppearanceLarge"** />

<**TextView**

**android:id="@+id/tvDate"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text=""**

**android:textAppearance="?android:attr/textAppearanceLarge"** />

<**DatePicker**

**android:id="@+id/dpResult"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"** />

<**TextView**

**android:id="@+id/lblTime"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Current Time (HH:MM): "**

**android:textAppearance="?android:attr/textAppearanceLarge"** />

<**TextView**

**android:id="@+id/tvTime"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text=""**

**android:textAppearance="?android:attr/textAppearanceLarge"** />

<**TimePicker**

**android:id="@+id/tpResult"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**/>

</**LinearLayout**>

</**ScrollView**>

</**LinearLayout**>

MainActivity.java

**package** com.example.jevitha.a11\_2\_datepicker;

**import** android.app.DatePickerDialog;

**import** android.app.Dialog;

**import** android.content.DialogInterface;

**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.TextView;

**import** android.widget.TimePicker;

**import** java.util.Calendar;

**public class** MainActivity **extends** AppCompatActivity **implements** DatePicker.OnDateChangedListener, TimePicker.OnTimeChangedListener {

**private** TextView **tvDisplayDate**, **tvDisplayTime**;

**private** DatePicker **dpResult**;

**private** TimePicker **tpResult**;

**private int year**;

**private int month**;

**private int day**;

**private int hour**;

**private int min**;

**private int sec**;

@Override

**public void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**tvDisplayDate** = (TextView) findViewById(R.id.***tvDate***);

**tvDisplayTime** = (TextView) findViewById(R.id.***tvTime***);

**dpResult** = (DatePicker) findViewById(R.id.***dpResult***);

**tpResult** = (TimePicker) findViewById(R.id.***tpResult***);

**final** Calendar c = Calendar.*getInstance*();

**year** = c.get(Calendar.***YEAR***);

**month** = c.get(Calendar.***MONTH***);

**day** = c.get(Calendar.***DAY\_OF\_MONTH***);

**hour** = c.get(Calendar.***HOUR***);

**min** = c.get(Calendar.***MINUTE***);

*// set current date into textview*

**tvDisplayDate**.setText(**new** StringBuilder().append(**day**).append(**"-"**)

*// Month is 0 based, just add 1*

.append(**month** + 1).append(**"-"**).append(**year**).append(**" "**));

*// dpResult.setOnDateChangedListener(this); - API Level 26 and above*

*// set current date into datepicker*

**dpResult**.init(**year**, **month**, **day**, **this**);

*// set current time into timepicker and the label*

**tpResult**.setCurrentHour(**hour**);

**tpResult**.setCurrentMinute(**min**);

**tpResult**.setIs24HourView(**true**);

*// For API level 23 and above use the following*

*//tpResult.setHour(hour);*

*// tpResult.setMinute(min);*

*// tvDisplayTime.setText(new StringBuilder().append(hour+":").append(min));*

**tvDisplayTime**.setText(**new** StringBuilder().append(String.*format*(**"%02d"**,**hour**)+**":"**).append(String.*format*(**"%02d"**,**min**)));

**tpResult**.setOnTimeChangedListener(**this**);

}

@Override

**public void** onDateChanged(DatePicker datePicker, **int** selectedYear, **int** selectedMonth, **int** selectedDay) {

*// set selected date into textview*

**tvDisplayDate**.setText(**new** StringBuilder().append(selectedDay).append(**"-"**).append(selectedMonth + 1)

.append(**"-"**).append(selectedYear)

.append(**" "**));

}

@Override

**public void** onTimeChanged(TimePicker timePicker, **int** hour, **int** min) {

**tvDisplayTime**.setText(**new** StringBuilder().append(String.*format*(**"%02d"**,hour)+**":"**).append(String.*format*(**"%02d"**,min)));

}

}