**Timepicker**

**MainActivity.java**

package com.example.timepicker;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.View;  
import android.view.View.OnClickListener;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.TimePicker;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 TextView textview1;  
 TimePicker timepicker1;  
 Button changetime;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 textview1=(TextView)findViewById(R.id.*textView1*);  
 timepicker1=(TimePicker)findViewById(R.id.*timePicker1*);  
 //Uncomment the below line of code for 24 hour view  
 timepicker1.setIs24HourView(true);  
 changetime=(Button)findViewById(R.id.*button1*);  
  
 textview1.setText(getCurrentTime());  
  
 changetime.setOnClickListener(new OnClickListener(){  
 @Override  
 public void onClick(View view) {  
 textview1.setText(getCurrentTime());  
 }  
 });  
  
 }  
 public String getCurrentTime(){  
 String currentTime="Current Time: "+timepicker1.getCurrentHour()+":"+timepicker1.getCurrentMinute();  
 return currentTime;  
 } }

**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"  
 tools:context=".MainActivity" >  
  
 <TimePicker android:id="@+id/timePicker1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="86dp" />  
  
 <TextView android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignLeft="@+id/timePicker1"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginTop="17dp"  
 android:text="Current Time:" />  
  
 <Button android:id="@+id/button1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignLeft="@+id/timePicker1"  
 android:layout\_below="@+id/timePicker1"  
 android:layout\_marginLeft="37dp"  
 android:layout\_marginTop="55dp"  
 android:text="Change Time" />  
  
</RelativeLayout>