```java
//
// a_mk01.java
// UDP送信
//
// 通信関係の機能を動かすためには、
// <uses-permission android:name="android.permission.INTERNET" />
// をAndroidManifest.xml に追加
//

package xx.yy;
import android.app.Activity;
import android.media.AudioManager;
import android.media.ToneGenerator;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.TextView;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.OutputStream;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.net.ServerSocket;
import java.net.*;

public class a_mk01 extends Activity
{
    private StringBuffer cbuf = new StringBuffer(100);

    InetAddress host;
    int port;
    private DatagramSocket  ds;
    private DatagramPacket dp;

    @Override
    public void onCreate(Bundle savedInstanceState){
        super.onCreate(savedInstanceState);
        // コンテナ？2つ
        LinearLayout linearLayout = new LinearLayout(this);
        LinearLayout linearLayout2 = new LinearLayout(this);

        linearLayout2.setOrientation(LinearLayout.VERTICAL);
        // 縦に追加する

        final Button button1 = new Button(this);
        final Button button2 = new Button(this);
        final Button button3 = new Button(this);
        final Button button4 = new Button(this);
        final Button button5 = new Button(this);
        final Button button6 = new Button(this);
        final Button button7 = new Button(this);
        final Button button8 = new Button(this);
        final TextView tv = new TextView(this);

        tv.setText("... ");
        button1.setText("ド");
        button2.setText("レ");
        button3.setText("ミ");
        button4.setText("フ");
        button5.setText("ソ");
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button6.setText("ラ");
button7.setText("シ");
button8.setText("ド");

linearLayout.addView(button1, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button2, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button3, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button4, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button5, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button6, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button7, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout.addView(button8, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));

linearLayout2.addView(tv, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));
linearLayout2.addView(linearLayout, new LinearLayout.LayoutParams(
        LinearLayout.LayoutParams.WRAP_CONTENT,
        LinearLayout.LayoutParams.WRAP_CONTENT));

setContentView(linearLayout2);

// Button1 がｸﾘｯｸされた時に呼び出されるｺｰﾙﾊﾞｯｸを登録
button1.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        // UDP 送信
        try{
            dp = new DatagramPacket("Aa".getBytes(), 2,//data.length,
                    host, port);
            ds.send(dp); // try catch で利用
        }
        catch(Exception e){
            tv.setText("send err".toString());
        }
    }
});

button2.setOnClickListener( new View.OnClickListener() {
    public void onClick(View v) {
        // UDP 送信
        try{
            dp = new DatagramPacket("Ca".getBytes(), 2,//data.length,
                    host, port);
            ds.send(dp); // try catch で利用
        }
        catch(Exception e){
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            tv.setText("send err".toString());
        }
    }
});

button3.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        try{
            dp = new DatagramPacket("Ea".getBytes(), 2,//data.length,
                    host, port);
            ds.send(dp); // try catch で利用
        }
        catch(Exception e){
            tv.setText("send err".toString());
        }
    }
});

button4.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        try{
            dp = new DatagramPacket("Fa".getBytes(), 2,//data.length,
                    host, port);
            ds.send(dp); // try catch で利用
        }
        catch(Exception e){
            tv.setText("send err".toString());
        }
    }
});

button5.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        try{
        dp = new DatagramPacket("Ha".getBytes(), 2,//data.length,
            host, port);
        ds.send(dp); // try catch で利用
        }
        catch(Exception e){
            tv.setText("send err".toString());
        }
    }
});

button6.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        try{
            dp = new DatagramPacket("Ja".getBytes(), 2,//data.length,
                host, port);
            ds.send(dp); // try catch で利用
        }
        catch(Exception e){
            tv.setText("send err".toString());
        }
        }
    }
);

button7.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        try{
            dp = new DatagramPacket("La".getBytes(), 2,//data.length,
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                            host, port);
                    ds.send(dp); // try catch で利用
                }
                catch(Exception e){
                    tv.setText("send err".toString());
                }
            }
        }
        );

        button8.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                try{
                    dp = new DatagramPacket("Ma".getBytes(), 2,//data.length,
                            host, port);
                    ds.send(dp); // try catch で利用
                }
                catch(Exception e){
                    tv.setText("send err".toString());
                }
            }
        }
        );

        //Socket の設定,通常の Java と同じ
        try{
            // IPアドレス
            port = 30000;   //ポート番号
            host = InetAddress.getByName("192.168.2.12");

            ds = new DatagramSocket();          //DatagramSocket 作成
            tv.setText("UDP ready".toString());
        }
        catch(Exception e){
            tv.setText("Exception : " + e);
        }
    } // end OnCreat()
}
```