

Public private message app

java source code :

```
package com.example.ed;
import androidx.appcompat.app.AppCompatActivity;
import android.content.ClipData;
import android.content.ClipboardManager;
import android.content.Context;
import android.os.Bundle;
import android.text.Editable;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
public class MainActivity extends AppCompatActivity {
    /* Hint of Android
    1. Charector not printing the Textview. String only printing the TextView
    2. Integer array can not convert the string. some unvantad charector is printed.
    */
    EditText et_one,et_two,et_th; //3
    Button bt_one,bt_two; //2
    TextView tv_one,tv_two; //2
    char[] char_encrypt = new char[100];
    //char[] char_decrypt = new char[100];
    char[] rcd = new char[100];
    int encrypt;
    int rd_int;
    String str,rev_1,rds,rdss = " ";
    Editable first_et;
    String strr;
    String d_etth;
    ClipboardManager ClipboardManager;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        et_one = (EditText) findViewById(R.id.dword); //public data
        et_two = (EditText) findViewById(R.id.own_word); //private data
        et_th = (EditText) findViewById(R.id.im); //encrypt data past hear

        tv_one = (TextView) findViewById(R.id.doub); //showing Encrypting data
        tv_two = (TextView) findViewById(R.id.me); //showiing the Decrypting data

        bt_one = (Button) findViewById(R.id.en); //Encrypting data
        bt_two = (Button) findViewById(R.id.de); //Decrypting data
        //bt_th = (Button) findViewById(R.id.cp);

        ClipboardManager = (ClipboardManager) getSystemService(Context.CLIPBOARD_SERVICE);
    }

    public void enc(View view)
    {
        str = et_two.getText().toString().toUpperCase();
        first_et = et_one.getText(); // just printing the public data
        for(int i=0;i<str.length();i++)
        {
            encrypt = str.charAt(i); //char -> integer
```

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        encrypt -= 30; //this integer reduce the one value.
        //strr = String.valueOf(encrypt); //Integer is convert the (Integerstring) hear.
        char_encrypt[i] = (char)encrypt;
        strr = String.valueOf(char_encrypt);
    }
    tv_one.setText(first_et + "@" + strr);
    strr = tv_one.getText().toString();
    if(!strr.isEmpty())
    {
        ClipData data = ClipData. newPlainText("data",strr);
        ClipboardManager.setPrimaryClip(data);
    }
}
public void dec(View view)
{
    d_etth = et_th.getText().toString();
    for(int j=0;j<d_etth.length();j++)
    {
        rev_1 = d_etth.charAt(j) + rev_1;
    }
    for(int k=0;k<rev_1.length();k++)
    {
        rd_int = rev_1.charAt(k);
        if(rd_int == 64)
        {
            break;
        }
        rd_int += 30;
        rcd[k] = (char) rd_int;
        rds = String.valueOf(rcd);
    }
    for(int a=0;a<rds.length();a++)
    {
        rdss = rds.charAt(a) + rdss;
    }
    tv_two.setText(rdss);
    while(true)
    {
        rdss = " ";
        break;
    }
}
}

```

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