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Develop an application that makes use of the clipboard framework for copying and pasting of the text. The activity consists of two EditText controls and two buttons to trigger the copy and paste functionality.

XML Code:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <Button
        android:id="@+id/btn_copy"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="67dp"
        android:layout_marginLeft="67dp"
        android:layout_marginTop="100dp"
        android:text="Copy Text"
        app:backgroundTint="#494646"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/text_paste" />

    <Button
        android:id="@+id/btn_paste"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="47dp"
        android:layout_marginLeft="47dp"
        android:layout_marginTop="100dp"
        android:text="Paste Text"
        app:backgroundTint="#3C3F41"
        app:layout_constraintStart_toEndOf="@+id/btn_copy"
        app:layout_constraintTop_toBottomOf="@+id/text_paste" />

    <EditText
        android:id="@+id/text_copy"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="105dp"
        android:layout_marginLeft="105dp"
```

```

        android:layout_marginTop="240dp"
        android:layout_marginEnd="96dp"
        android:layout_marginRight="96dp"
        android:ems="10"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

<EditText
    android:id="@+id/text_paste"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="105dp"
    android:layout_marginLeft="105dp"
    android:layout_marginTop="80dp"
    android:layout_marginEnd="96dp"
    android:layout_marginRight="96dp"
    android:ems="10"
    android:inputType="textPersonName"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/text_copy" />

<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="50dp"
    android:text="Clipboard"
    app:layout_constraintBottom_toTopOf="@+id/text_copy"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

Java Code:

```

package com.example.clipboard;

import android.content.ClipData;
import android.content.ClipboardManager;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

```

```

import android.widget.EditText;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity implements View.OnClickListener {

    EditText txtCopy, txtPaste;
    Button btnCopy, btnPaste;
    ClipboardManager myClipboard;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        txtCopy = (EditText)findViewById(R.id.text_copy);
        txtPaste = (EditText)findViewById(R.id.text_paste);
        btnCopy = (Button)findViewById(R.id.btn_copy);
        btnCopy.setOnClickListener(this);
        btnPaste = (Button)findViewById(R.id.btn_paste);
        btnPaste.setOnClickListener(this);
        myClipboard = (ClipboardManager) getSystemService(CLIPBOARD_SERVICE);
    }

    @Override
    public void onClick(View v) {
        if (v.equals(btnCopy)) {
            ClipData myClip;
            String data = txtCopy.getText().toString();
            myClip = ClipData.newPlainText("text", data);
            myClipboard.setPrimaryClip(myClip);
            Toast.makeText(getApplicationContext(), "Copied...", Toast.LENGTH_LONG).show();
        } else if (v.equals(btnPaste)) {
            ClipData abc = myClipboard.getPrimaryClip();
            ClipData.Item item = abc.getItemAt(0);
            txtPaste.setText(item.getText().toString());
        }
    }
}

```

Output:



