

## Program:1

To-Do list

### Program:

MainActivity.java

```
package com.example.todo;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    Button btn;
    TextView ls;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        btn=findViewById(R.id.btnadd);
        ls=findViewById(R.id.tv);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i1=new Intent(MainActivity.this,addlist.class);
                startActivity(i1);
            }
        });

    }

    @Override
    protected void onResume() {
        super.onResume();
        SharedPreferences prefs = getSharedPreferences("MySharedPref", MODE_PRIVATE);
```

```

        String s1 = prefs.getString("name", "");
        ls.setText(s1);
    }
}

```

Addlist.java

```

package com.example.todo;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class addlist extends AppCompatActivity {
    private EditText name;
    Button btn;

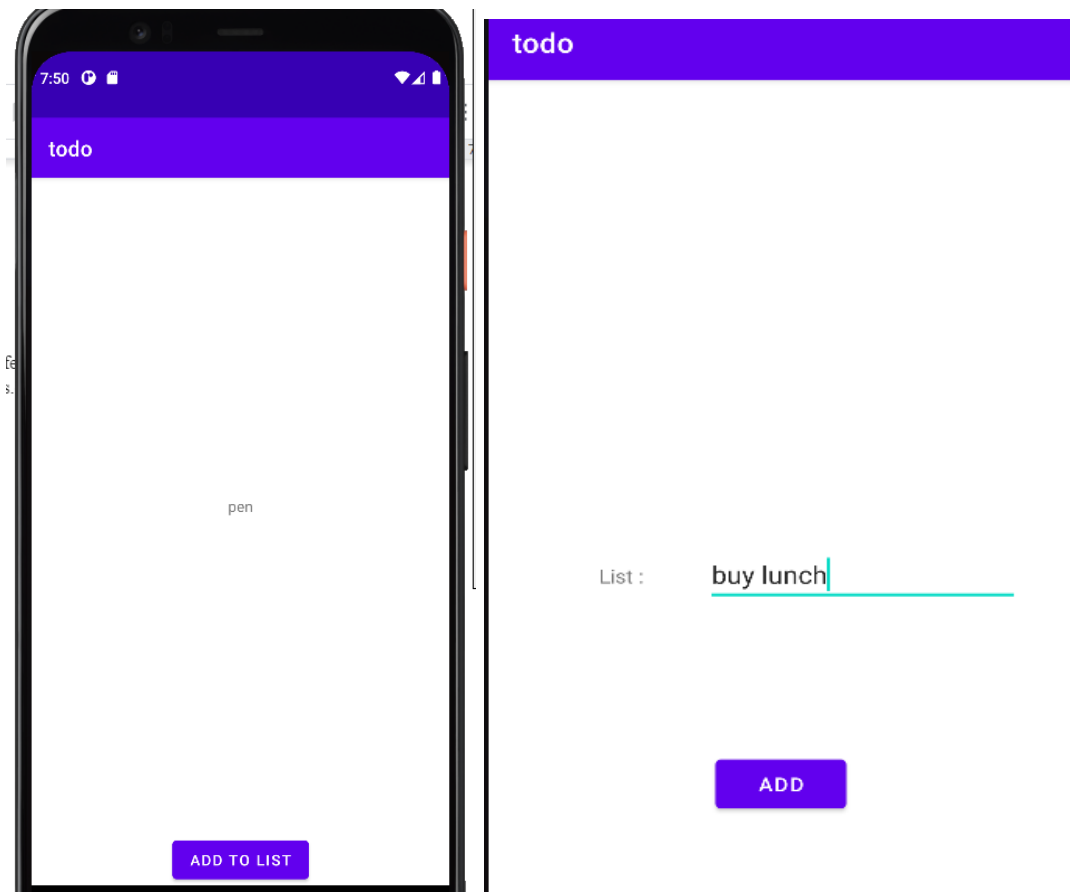
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_addlist);
        name = findViewById(R.id.addtxt);
        btn=findViewById(R.id.btn2);
        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                SharedPreferences sharedPreferences = getSharedPreferences("MySharedPref",MODE_PRIVATE);
                SharedPreferences.Editor myEdit = sharedPreferences.edit();

                myEdit.putString("name", name.getText().toString());
                myEdit.apply();
                Intent i1=new Intent(addlist.this,MainActivity.class);
                startActivity(i1);

            }
        });
    }
}

```

Output:



buy lunch

ADD TO LIST