

LISTVIEW

Open java -> package -> MainActivity.java and add following below code

```
package www.smartandroidcourse.com.listview;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;

public class MainActivity extends AppCompatActivity {

    ListView listView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        String[] version = new String[] {"Cupcake", "Donut", "Eclair", "Gingerbread", "Honeycomb", "Ice Cream Sandwich",
        "Jelly Bean", "KitKat", "Lollipop", "Marshmallow" };

        listView = (ListView) findViewById(R.id.listView);

        ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
            android.R.layout.simple_list_item_1, android.R.id.text1,
            version);
        listView.setAdapter(adapter);

        listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            public void onItemClick(AdapterView<?> parent, View view,
                int position, long id) {

                String version = (String) listView.getItemAtPosition(position);

                Intent i = new Intent(MainActivity.this, ItemView.class);

                i.putExtra("version", version);

                startActivity(i);
            }
        });
    }
}
```

LIST VIEW

Open res -> layout -> activity_main.xml and add following below code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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">

    <ListView
        android:id="@+id/listview"
        android:layout_width="fill_parent"
        android:layout_height="fill_parent" />

</LinearLayout>
```

Create file -> new -> Activity -> Empty Activity -> Activity name (ItemView.java) and add following below code

```
package www.smartandroidcourse.com.listview;

import android.app.Activity;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.TextView;

public class ItemView extends Activity {

    String version;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_item_view);

        TextView textversion = (TextView) findViewById(R.id.version);

        Intent i = getIntent();
        version = i.getStringExtra("version");

        textversion.setText(version);
    }
}
```

LIST VIEW

Open res -> layout -> activity_item_view.xml and add following below code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="horizontal" android:layout_width="match_parent"
    android:gravity="center"
    android:layout_height="match_parent">

    <TextView
        android:id="@+id/versioniden"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Version Name :"
```