Q -Create a program in android to show the use of array adapter.

Main Xml 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"  
 tools:context=".MainActivity">  
  
 <ListView  
 android:id="@+id/list1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
  
</LinearLayout>

Item\_view.xml Code:-

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/text1"  
 android:layout\_gravity="center"/>  
  
</LinearLayout>

Java Code:-

package com.example.array\_adapter;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Context;  
import android.os.Bundle;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
  
public class MainActivity extends AppCompatActivity {  
 ListView obj1;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 obj1 = findViewById(R.id.*list1*);  
  
 String progList[] = {"Html" , "Java" , "Css" , "Javascript" ,"React Js" };  
  
 ArrayAdapter<String> obj\_ad = new ArrayAdapter<String>(this,R.layout.*item\_view*,R.id.*text1*,progList);  
 obj1.setAdapter(obj\_ad);  
 }  
}

O/p:-

Graphical user interface, application

Description automatically generated