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

Main Xml Code:-

```xml
<?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
<?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>
```

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Java Code:-

```java
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);
    }
}
```

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O/p:-