PRACTICAL NO.: 02

Exercise: Create android application to demonstrate List View

activity_main.xml

```xml
<?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">

    <ListView
        android:id="@+id/listview1"
        android:layout_width="409dp"
        android:layout_height="700dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
         />
</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```java
package com.example.myapplicationlayout;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.widget.ListView;

public class MainActivity extends AppCompatActivity {

    public ListView l1;

    String[] arr1={".Net Techonologies", "Android Development", "Web
Technology", "Cloud Computing", "Data Structure", "IOT", "Information
Security", "Computer Networks", "Linux", "java"};


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        l1=findViewById(R.id.listview1);

        myadapter ma=new myadapter(this,R.layout.mylayout,arr1);
        l1.setAdapter(ma);
    }
}
```

Output

- ☑ .Net Technologies
- ☑ Android Developer
- ☑ Web Technologies
- ☑ Cloud Computing
- ☑ Data Structures
- ☑ Information Security
- ☑ Computer Networks
- ☑ Linux
- ☑ Java