**Practical 7**

Programs on Intents, Events, Listeners and Adapters

The Android Intent Class, Using Events and Event Listeners

**mainActivity.xml**

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android" xmlns:app="http://schemas.android.com/apk/resauto" xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity2">

<ListView android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/list"

app:layout\_constraintBottom\_toTopOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"/>

</androidx.constraintlayout.widget.ConstraintLayout>

**activityMain.kt**

package com.example.myapplication

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.ArrayAdapter

import android.widget.ListView

class MainActivity2 : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main2)

val list=findViewById<ListView>(R.id.list)

var items= arrayOf("One","Two","Three","Four","Five")

var arrayAdapter=ArrayAdapter(this,R.layout.list\_row,R.id.item\_text,items)

list.adapter=arrayAdapter

}

}