Kotlin

package com.example.myapplication

import android.graphics.Color

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.ArrayAdapter

import android.widget.ListView

import androidx.constraintlayout.widget.ConstraintLayout

class ListViewEx : AppCompatActivity() {

lateinit var lst\_view: ListView

lateinit var layoutmain: ConstraintLayout

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_list\_view\_ex)

lst\_view = findViewById(R.id.lst\_view)

layoutmain = findViewById(R.id.layoutMain)

val arr = arrayOf(Color.RED, Color.BLUE, Color.GRAY, Color.CYAN, Color.YELLOW)

val b = arrayOf("RED", "BLUE", "GRAY", "CYAN", "YELLOW")

val adapter = ArrayAdapter(this, android.R.layout.simple\_list\_item\_1, b)

lst\_view.adapter = adapter

lst\_view.setOnItemClickListener { adapterView, view, i, l ->

layoutmain.setBackgroundColor(arr[i])

}

}

}

Xml code

<?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:id="@+id/layoutMain"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".ListViewEx">

<ListView

android:id="@+id/lst\_view"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

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

</androidx.constraintlayout.widget.ConstraintLayout>