COURSE OUTCOME:3

PROGRAM:5

AIM: Develop an application that uses ArrayAdapter with ListView.

SOURCE CODE:

Activity\_main.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/listview"

android:layout\_width="409dp"

android:layout\_height="729dp"

tools:layout\_editor\_absoluteX="1dp"

tools:layout\_editor\_absoluteY="1dp" />

</androidx.constraintlayout.widget.ConstraintLayout>

MainActitvity.java

package com.example.co3q5arrayadapterwithlistview;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.ListView;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

ListView list=findViewById(R.id.listview);

String[] item=new String[]{"Settings","Contact","Share","Downloads","Gallery","Help and Feedback"};

ArrayAdapter<String> myAdapter=new ArrayAdapter<String>(MainActivity.this, android.R.layout.simple\_list\_item\_1,item);

list.setAdapter(myAdapter);

list.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

public void onItemClick(AdapterView<?> parent,View view,int position,long id) {

String item\_name=item[position];

Toast.makeText(MainActivity.this,item\_name, Toast.LENGTH\_SHORT).show();

}

});

}

}