COURSE OUTCOME:3

PROGRAM:1

AIM: Implement Adapters and perform exception handling

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/l1"

android:layout\_width="316dp"

android:layout\_height="653dp"

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:

package com.example.co3q1adapterexception;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.ArrayAdapter;

import android.widget.ListPopupWindow;

import android.widget.ListView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

ListView listView;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

//ListView listView=findViewById(R.id.l1);

String[] film\_stars={"SuperMan","Flash","WonderWomen","Batman","AquaMan","Cyclone"};

try{

ArrayAdapter<String> adapter=new ArrayAdapter<String>(this, android.R.layout.simple\_list\_item\_1,film\_stars);

listView.setAdapter(adapter);

}

catch (Exception e){

Toast.makeText(this,e.getMessage(),Toast.LENGTH\_SHORT).show();

}

}

}

OUTPUT:

