**ANDROID LAB**

**Experiment No.: 8**

**Aim**

**Implement Adapters and perform exception handling**

**Program**

**------------------------------------------------------------------- XML Code -------------------------------------------------------------------**

**<?xml version="1.0" encoding="utf-8"?>**

**<LinearLayout 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"**

**android:gravity="center"**

**android:orientation="vertical"**

**tools:context=".ExceptionActivity">**

**<TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Exception Activity"/>**

**</LinearLayout>**

**------------------------------------------------------------------- Java Code -------------------------------------------------------------------**

**package com.example.optionsmenunavigation;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.widget.Toast;**

**public class ExceptionActivity extends AppCompatActivity {**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.activity\_exception);**

**try{**

**int n1=0, n2=0;**

**int a= n1/n2;**

**Toast.makeText(getApplicationContext(), "The value is : "+a, Toast.LENGTH\_SHORT).show();**

**}**

**catch (Exception e){**

**Toast.makeText(getApplicationContext(), "The caught exception is : "+e.getMessage(), Toast.LENGTH\_SHORT).show();**

**}**

**}**

**}**