**PRACTICAL 12**

**Aim: Develop an Android application which takes inputs from user and on click of “save” button writes contents into file. (Save file in an application memory).**

**Code:**

**JAVA FILE: (MainActivity.java)**

package com.example.practical12;

import android.content.Context;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import java.io.FileOutputStream;

import java.io.IOException;

public class MainActivity extends AppCompatActivity {

private EditText editTextContent;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

editTextContent = findViewById(R.id.editTextContent);

Button buttonSave = findViewById(R.id.buttonSave);

buttonSave.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

saveToFile();

}

});

}

private void saveToFile() {

String content = editTextContent.getText().toString();

try (FileOutputStream fos = openFileOutput("user\_data.txt", Context.MODE\_PRIVATE)) {

fos.write(content.getBytes());

Toast.makeText(this, "File saved successfully", Toast.LENGTH\_SHORT).show();

} catch (IOException e) {

e.printStackTrace();

Toast.makeText(this, "Error saving file", Toast.LENGTH\_SHORT).show();

}

}

}

**XML FILE: (activity\_main.xml)**

<?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:orientation="vertical"

android:padding="16dp"

tools:context=".MainActivity">

<EditText

android:id="@+id/editTextContent"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Enter text here" />

<Button

android:id="@+id/buttonSave"

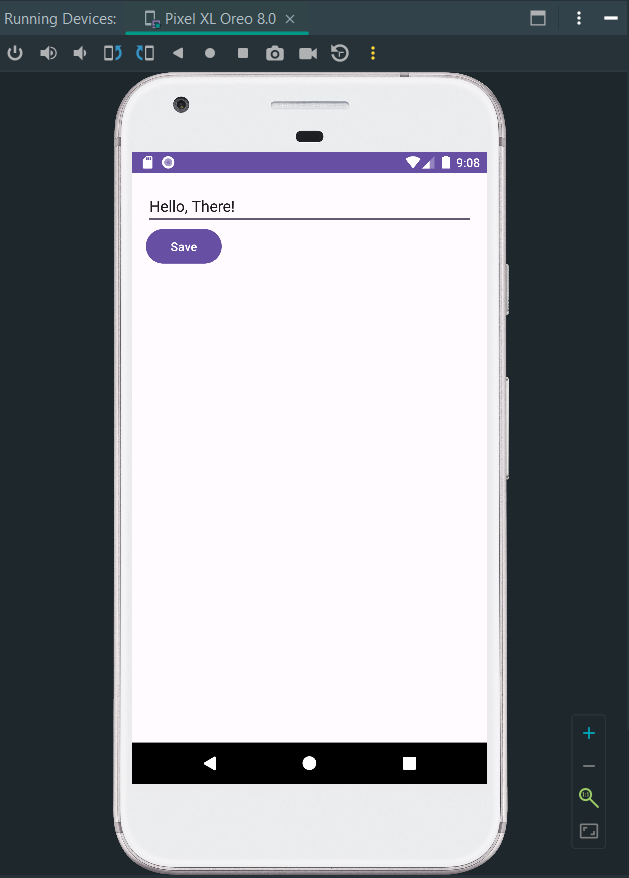
android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Save" />

</LinearLayout>

**Output:**

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