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:id="@+id/main"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Internel Storage LAB 9"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.58" />

<EditText

android:id="@+id/edit\_text"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:hint="TYPE YOUR TEXT HERE TO STORE"

android:layout\_marginTop="84dp"

app:layout\_constraintTop\_toTopOf="parent"

tools:layout\_editor\_absoluteX="0dp" />

<Button

android:id="@+id/btnSave"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginBottom="68dp"

android:text="SAVE"

android:onClick="Save"

app:layout\_constraintBottom\_toTopOf="@+id/textView"

app:layout\_constraintEnd\_toEndOf="@+id/textView"

app:layout\_constraintHorizontal\_bias="0.48"

app:layout\_constraintStart\_toStartOf="@+id/textView" />

<Button

android:id="@+id/btnload"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginBottom="28dp"

android:text="load"

android:onClick="Load"

app:layout\_constraintBottom\_toTopOf="@+id/btnSave"

app:layout\_constraintEnd\_toEndOf="@+id/btnSave"

app:layout\_constraintHorizontal\_bias="0.0"

app:layout\_constraintStart\_toStartOf="@+id/btnSave" />

</androidx.constraintlayout.widget.ConstraintLayout>

ActivityMain.java  
  
  
package com.example.exp\_9b;

import android.os.Bundle;

import android.os.Environment;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

import androidx.activity.EdgeToEdge;

import androidx.appcompat.app.AppCompatActivity;

import androidx.core.graphics.Insets;

import androidx.core.view.ViewCompat;

import androidx.core.view.WindowInsetsCompat;

import java.io.BufferedReader;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.InputStreamReader;

public class MainActivity extends AppCompatActivity {

private static final String FILE\_NAME = "example.txt";

EditText mEditText;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_main);

mEditText = findViewById(R.id.edit\_text);

}

public void Save(View view) {

String text = mEditText.getText().toString();

File file = new File(Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY\_DOCUMENTS), FILE\_NAME);

FileOutputStream fos = null;

try {

fos = new FileOutputStream(file);

fos.write(text.getBytes());

mEditText.getText().clear();

Toast.makeText(this, "Saved to " + file.getAbsolutePath(), Toast.LENGTH\_SHORT).show();

} catch (IOException e) {

e.printStackTrace();

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

} finally {

if (fos != null) {

try {

fos.close();

} catch (IOException e) {

e.printStackTrace();

}

}

}

}

public void Load(View view) {

File file = new File(Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY\_DOCUMENTS), FILE\_NAME);

if (file.exists()) {

FileInputStream fis = null;

try {

fis = new FileInputStream(file);

InputStreamReader isr = new InputStreamReader(fis);

BufferedReader br = new BufferedReader(isr);

StringBuilder sb = new StringBuilder();

String line;

while ((line = br.readLine()) != null) {

sb.append(line).append("\n");

}

mEditText.setText(sb.toString());

} catch (IOException e) {

e.printStackTrace();

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

} finally {

if (fis != null) {

try {

fis.close();

} catch (IOException e) {

e.printStackTrace();

}

}

}

} else {

Toast.makeText(this, "File not found", Toast.LENGTH\_SHORT).show();

}

}

}