**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">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Internel Storage Experiment"  
 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>

**MainActivity.java:**

package com.example.exp9;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import java.io.BufferedReader;  
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);  
 setContentView(R.layout.*activity\_main*);  
  
 mEditText = findViewById(R.id.*edit\_text* );  
 }  
  
 public void Save(View view) {  
 String text = mEditText.getText().toString();  
 FileOutputStream fos = null;  
  
 try {  
 fos = openFileOutput(*FILE\_NAME*, *MODE\_PRIVATE*);  
 fos.write(text.getBytes());  
 mEditText.getText().clear();  
 Toast.*makeText*(this, "Saved to " + getFilesDir() + "/" + *FILE\_NAME*, Toast.*LENGTH\_SHORT*).show();  
 } catch (FileNotFoundException e) {  
 throw new RuntimeException(e);  
 } catch (IOException e) {  
 throw new RuntimeException(e);  
 } finally {  
 if (fos != null) {  
 try {  
 fos.close();  
 } catch (IOException e) {  
 throw new RuntimeException(e);  
 }  
 }  
 }  
 }  
  
 public void Load(View view) {  
 FileInputStream fis = null;  
  
 try {  
 fis = openFileInput(*FILE\_NAME*);  
 InputStreamReader isr = new InputStreamReader(fis);  
 BufferedReader br = new BufferedReader(isr);  
 StringBuilder sb = new StringBuilder();  
 String text;  
  
 while ((text = br.readLine()) != null) {  
 sb.append(text).append("\n");  
 }  
  
 mEditText.setText(sb.toString());  
 } catch (FileNotFoundException e) {  
 throw new RuntimeException(e);  
 } catch (IOException e) {  
 throw new RuntimeException(e);  
 } finally {  
 if (fis != null) {  
 try {  
 fis.close();  
 } catch (IOException e) {  
 throw new RuntimeException(e);  
 }  
 }  
 }  
 }  
}