```
1. Create Empty Views Project
2. Activity_main.xml
   <EditText
      android:id="@+id/edittext"
      android:layout_width="match_parent"
      android:layout height="200dp"/>
    <Button
      android:id="@+id/savetext"
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:layout_below="@+id/edittext"
      android:layout_centerHorizontal="true"
      android:onClick="save"
      android:text="Save" />
   Create One More Button for Loading the data
3. Activity_Main.java
MainActivity (extends AppCompatActivity)
— Constant:
— UI Component:
— onCreate(Bundle savedInstanceState)
 ├— setContentView(activity_main)
— editText ← findViewById(R.id.edittext)
├— save(View v)
  — Get text from editText
  ├— Try:
  — Open FileOutputStream with MODE_PRIVATE
   — Write text to file
```

| L— Finally:

```
Close FileOutputStream safely
 — load(View v)
  ├— Try:
  — Open FileInputStream
    — Wrap in InputStreamReader and BufferedReader
    — Read lines into StringBuilder
  ☐ Set text to editText
  └─ Finally:
    Close FileInputStream safely
package com.example.storage;
import android.os.Bundle;
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.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 FILENAME="example.txt";
```

```
EditText editText;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    editText=findViewById(R.id.edittext);
    }
    public void save(View v)
      String text=editText.getText().toString();
      FileOutputStream fos=null;
      try
      {
        fos=openFileOutput(FILENAME,MODE_PRIVATE);
        fos.write(text.getBytes());
        editText.getText().clear();
        Toast.makeText(MainActivity.this, "Saved Data To" + getFilesDir() + "/" +
FILENAME,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 v)
{
  FileInputStream fis=null;
  try
  {
    fis=openFileInput(FILENAME);
    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");
    }
    editText.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);
      }
    }
  }
}
```

}