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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    android:layout\_margin="20dp"

    android:orientation="vertical">

    <EditText

        android:id="@+id/editText"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:singleLine="true"

        android:textSize="30dp" />

    <Button

        android:id="@+id/button"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_margin="10dp"

        android:text="Write Data"

        android:textSize="30dp" />

    <Button

        android:id="@+id/button2"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_margin="10dp"

        android:text="Read data"

        android:textSize="30dp" />

    <Button

        android:id="@+id/button3"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_margin="10dp"

        android:text="Clear"

        android:textSize="30dp" />

</LinearLayout>

Manifest code:

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

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

    package="com.example.exno9" >

    <uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE"></uses-permission>

    <application

        android:allowBackup="true"

        android:icon="@mipmap/ic\_launcher"

        android:label="@string/app\_name"

        android:supportsRtl="true"

        android:theme="@style/AppTheme" >

        <activity android:name=".MainActivity" >

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

    </application>

</manifest>

Javacode:

package com.example.exno9;

import android.os.Bundle;

import android.support.v7.app.AppCompatActivity;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import java.io.BufferedReader;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.InputStreamReader;

public class MainActivity extends AppCompatActivity

{

    EditText e1;

    Button write,read,clear;

    @Override

    protected void onCreate(Bundle savedInstanceState)

    {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_main);

        e1= (EditText) findViewById(R.id.editText);

        write= (Button) findViewById(R.id.button);

        read= (Button) findViewById(R.id.button2);

        clear= (Button) findViewById(R.id.button3);

        write.setOnClickListener(new View.OnClickListener()

        {

            @Override

            public void onClick(View v)

            {

                String message=e1.getText().toString();

                try

                {

                    File f=new File("/sdcard/myfile.txt");

                    f.createNewFile();

                    FileOutputStream fout=new FileOutputStream(f);

                    fout.write(message.getBytes());

                    fout.close();

                    Toast.makeText(getBaseContext(),"Data Written in SDCARD",Toast.LENGTH\_LONG).show();

                }

                catch (Exception e)

                {

                    Toast.makeText(getBaseContext(),e.getMessage(),Toast.LENGTH\_LONG).show();

                }

            }

        });

        read.setOnClickListener(new View.OnClickListener()

        {

            @Override

            public void onClick(View v)

            {

                String message;

                String buf = "";

                try

                {

                    File f = new File("/sdcard/myfile.txt");

                    FileInputStream fin = new FileInputStream(f);

                    BufferedReader br = new BufferedReader(new InputStreamReader(fin));

                    while ((message = br.readLine()) != null)

                    {

                        buf += message;

                    }

                    e1.setText(buf);

                    br.close();

                    fin.close();

                    Toast.makeText(getBaseContext(),"Data Recived from SDCARD",Toast.LENGTH\_LONG).show();

                }

                catch (Exception e)

                {

                    Toast.makeText(getBaseContext(), e.getMessage(), Toast.LENGTH\_LONG).show();

                }

            }

        });

        clear.setOnClickListener(new View.OnClickListener()

        {

            @Override

            public void onClick(View v)

            {

                e1.setText("");

            }

        });

    }

}