

## PROGRAM

### Activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <EditText
            android:id="@+id/editTextTextPersonName"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:text="Type your text here" />

        <Button
            android:id="@+id/button"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="write" />

        <Button
            android:id="@+id/button2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="read" />

        <Button
            android:id="@+id/button3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="clear" />
    </LinearLayout>
</android.support.constraint.ConstraintLayout>
```

## Main\_activity.java

```
package com.example.ex6_002;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
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 {
    Button b1,b2,b3;
    EditText e1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        b1=(Button) findViewById(R.id.button);
        b2=(Button) findViewById(R.id.button2);
        b3=(Button) findViewById(R.id.button3);
        e1=(EditText) findViewById(R.id.editTextTextPersonName);
        e1.setHint("Enter some lines of data here...");
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String message=e1.getText().toString();
                try
                {
                    File f=new File("/sdcard/ll.txt");
                    f.createNewFile();
                    FileOutputStream fout=new FileOutputStream(f);
                    fout.write(message.getBytes());
                    fout.close();
                    Toast.makeText(getApplicationContext(),"Data Written
in SDCARD",Toast.LENGTH_LONG).show();
                }
                catch (Exception e)
                {
                    Toast.makeText(getApplicationContext(),e.getMessage(),Toast.LENGTH_LONG).s
how();
                }
            }
        });
        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String m="";
```

```

        String b = "";
        try
        {
            File f = new File("/sdcard/ll.txt");
            FileInputStream fin = new FileInputStream(f);
            BufferedReader br = new BufferedReader(new
InputStreamReader(fin));
            while ((m = br.readLine()) != null)
            {
                b += m;
            }
            e1.setText(b);
            br.close();
            fin.close();
            Toast.makeText(getApplicationContext(),"Data Recived
from SDCARD",Toast.LENGTH_LONG).show();
        }
        catch (Exception e)
        {
            Toast.makeText(getApplicationContext(),
e.getMessage(), Toast.LENGTH_LONG).show();
        }
    }
});
b3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        e1.setText("");
    }
});
}
}
}

```

#### AndroidManifest.xml

```

<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"/>
<uses-permission
android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>

```

## OUTPUT

