```
import
Main activity.xml
                                                android.support.v7.app.AppCompatActivit
<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout
                                                import android.view.View;
xmlns:android="http://schemas.android.c
                                                import android.widget.Button;
om/apk/res/android"
                                                import android.widget.EditText;
   android:layout width="match parent"
                                                import android.widget.Toast;
   android:layout height="match parent"
                                                import java.io.BufferedReader;
   android:layout_margin="20dp"
                                                import java.io.File;
   android:orientation="vertical">
                                                import java.io.FileInputStream;
   <EditText
                                                import java.io.FileOutputStream;
       android:id="@+id/editText"
                                                import java.io.InputStreamReader;
                                               public class MainActivity extends
android:layout width="match parent"
                                               AppCompatActivity
android:layout height="wrap content"
                                                  EditText e1;
       android:singleLine="true"
                                                  Button write, read, clear;
       android:textSize="30dp"/>
                                                  protected void oncreate(Bundle
   <But.ton
                                                savedInstanceState)
       android:id="@+id/button"
android:layout width="match parent"
                                                super.onCreate(savedInstanceState);
android:layout height="wrap content"
                                                setContentView(R.layout.activity main);
       android:layout margin="10dp"
       android:text="Write Data"
                                                       e1= (EditText)
       android:textSize="30dp"/>
                                                findViewById(R.id.editText);
   <Button
                                                       write= (Button)
       android:id="@+id/button2"
                                                findViewById(R.id.button);
                                                       read= (Button)
android:layout_width="match parent"
                                                findViewById(R.id.button2);
                                                       clear= (Button)
android:layout height="wrap content"
                                               findViewById(R.id.button3);
       android:layout margin="10dp"
       android:text="Read Data"
                                                       write.setOnClickListener(new
       android:textSize="30dp"/>
                                               View.OnClickListener()
   <Button
       android:id="@+id/button3"
                                                           @Override
                                                           public void onClick(View v)
android:layout width="match parent"
                                                               String
android:layout height="wrap content"
                                               message=e1.getText().toString();
       android:layout margin="10dp"
                                                               try {
       android:text="Clear"
                                                                   File f = new
       android:textSize="30dp"/>
                                                File("/sdcard/myfile.txt");
</LinearLayout>
                                                                   f.createNewFile();
                                                                   FileOutputStream
MainActivity.java
                                               fout = new FileOutputStream(f);
package com.example.owner.exno9;
import android.os.Bundle;
                                                fout.write(message.getBytes());
```

```
fout.close();
                                                e.getMessage(),
                                                Toast. LENGTH LONG) . show();
Toast.makeText(getBaseContext(), "Data
Written in SDCARD",
                                                               }
Toast. LENGTH LONG) . show();
                                                           } } );
               catch (Exception e)
                                                       clear.setOnClickListener(new
                                                View.OnClickListener()
Toast.makeText(getBaseContext(),e.getMe
                                                           @Override
ssage(), Toast.LENGTH LONG();
                                                           public void onClick(View v)
           }
                                                               e1.setText("");
       });
                                                       });
       read.setOnClickListener(new
View.OnClickListener()
                                                }
           @Override
                                                AndroidManifest.xml
           public void onClick(View v)
                                                <?xml version="1.0" encoding="utf-8"?>
                                                <manifest
               String message;
                                                xmlns:android="http://schemas.android.c
               String buf = "";
                                                om/apk/res/android"
               try
                                                   package="com.example.owner.exno9">
                                                   <uses-permission</pre>
                   File f = new
                                                android:name="android.permission.WRITE
File("/sdcard/myfile.txt");
                                                EXTERNAL STORAGE"></uses-permission>
                   FileInputStream fin
= new FileInputStream(f);
                                                   <application
                   BufferedReader br =
                                                       android:allowBackup="true"
new BufferedReader (new
InputStreamReader(fin));
                                                android:icon="@mipmap/ic launcher"
                   while ((message =
                                                       android:label="@string/app name"
br.readLine()) != null)
                                                android:roundIcon="@mipmap/ic launcher
                       buf += message;
                                                round"
                                                       android:supportsRtl="true"
                   e1.setText(buf);
                                                       android: theme="@style/AppTheme">
                   br.close();
                                                       <activity
                   fin.close();
                                                android: name=".MainActivity">
                                                           <intent-filter>
Toast.makeText(getBaseContext(),"Data
                                                               <action
Recived from
                                                android:name="android.intent.action.MAI
SDCARD", Toast.LENGTH LONG) .show();
                                                N" />
               catch (Exception e)
                                                               <category</pre>
                                                android:name="android.intent.category.L
                                                AUNCHER" />
Toast.makeText(getBaseContext(),
                                                           </intent-filter>
                                                       </activity>
```

```
</application> </manifest>
```

## **OUTPUT:**







