**Activity\_main.xml**

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

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:gravity="center"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:gravity="center">

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Create"

android:id="@+id/btn\_create" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Open"

android:id="@+id/btn\_open" />

</LinearLayout>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="200dp"

android:id="@+id/txt\_input" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Save"

android:id="@+id/btn\_save" />

</LinearLayout>

MainActivity.java  
  
package com.example.labprg1b;

import java.io.BufferedReader;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.InputStream;

import java.io.InputStreamReader;

import android.os.Bundle;

import android.app.Activity;

import android.view.Menu;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends Activity implements OnClickListener{

EditText txtinput;

Button btnCreate, btnSave, btnOpen;

public static String FILE\_NAME="example.txt";

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

txtinput=(EditText)findViewById(R.id.txt\_input);

btnCreate=(Button)findViewById(R.id.btn\_create);

btnCreate.setOnClickListener(this);

btnSave=(Button)findViewById(R.id.btn\_save);

btnSave.setOnClickListener(this);

btnOpen=(Button)findViewById(R.id.btn\_open);

btnOpen.setOnClickListener(this);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.main, menu);

return true;

}

@Override

public void onClick(View arg0) {

// TODO Auto-generated method stub

if(arg0.equals(btnCreate)){

String text = txtinput.getText().toString();

FileOutputStream fos = null;

try {

fos= openFileOutput(FILE\_NAME,MODE\_PRIVATE);

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

try {

fos.write(text.getBytes());

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

txtinput.getText().clear();

}

else if (arg0.equals(btnOpen)){

String text = txtinput.getText().toString();

FileInputStream fis = null;

try {

fis = openFileInput(FILE\_NAME);

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

InputStreamReader is = new InputStreamReader(fis);

BufferedReader br = new BufferedReader(is);

StringBuilder sb = new StringBuilder();

try {

while((text = br.readLine())!=null){

sb.append(text).append("\n");

}

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

try {

fis.close();

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

txtinput.setText(sb.toString());

}

else if(arg0.equals(btnSave)){

String text = txtinput.getText().toString();

FileOutputStream fos = null;

try {

fos= openFileOutput(FILE\_NAME,MODE\_PRIVATE);

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

try {

fos.write(text.getBytes());

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

txtinput.getText().clear();

}

}

}