**package** com.example.ansan.myapplication;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.DatePicker;

**import** android.widget.EditText;

**import** android.widget.Toast;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.FileOutputStream;

**import** java.io.IOException;

**import** java.io.InputStream;

**public class** MainActivity **extends** AppCompatActivity {

DatePicker **dp1**;

EditText **e1**;

Button **b1**, **b2**, **b3**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**dp1** = (DatePicker)findViewById(R.id.***datePicker***);

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

**b1** = (Button)findViewById(R.id.***button***);

**b2** = (Button)findViewById(R.id.***button2***);

**b3** = (Button)findViewById(R.id.***button3***);

**b1**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

SaveDiary();

}

});

**b2**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

ReadDiary();

}

});

**b3**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

readHelp();

}

});

}

**void** SaveDiary(){

*//파일이름 만들기 ex) 2016-1-12.txt*

String filename = **dp1**.getYear() + **"-"**

+ **dp1**.getMonth() + **"-"**

+ **dp1**.getDayOfMonth()+**".txt"**;

*//내용가져오기*

String content = **e1**.getText().toString();

*//저장한 파일 열기*

**try** {

FileOutputStream fos = openFileOutput(filename, ***MODE\_PRIVATE***);

*//파일에 쓰기*

fos.write(content.getBytes());

*//파일 닫기*

fos.close();

Toast.*makeText*(**this**,

**"파일 저장"**,

Toast.***LENGTH\_SHORT***).show();

**e1**.setText(**""**);

} **catch** (FileNotFoundException e) {

Toast.*makeText*(**this**,

**"파일 생성 에러"**,

Toast.***LENGTH\_SHORT***).show();

*//e.printStackTrace();*

} **catch** (IOException e) {

Toast.*makeText*(**this**,

**"파일 저장 에러"**,

Toast.***LENGTH\_SHORT***).show();

e.printStackTrace();

}

}

**void** ReadDiary(){

String filename = **dp1**.getYear() + **"-"**

+ **dp1**.getMonth() + **"-"**

+ **dp1**.getDayOfMonth()+**".txt"**;

**try** {

*//1. 파일 오픈*

FileInputStream fis = openFileInput(filename);

*//2. 파일 읽기*

**byte** arr[]= **new byte**[fis.available()];

fis.read(arr);

*//3. 파일 닫기*

fis.close();

*//문자열로 바꿔서 에디트텍스트에 보여줌*

**e1**.setText(**new** String(arr));

} **catch** (FileNotFoundException e) {

Toast.*makeText*(**this**,

**"파일 없음"**,

Toast.***LENGTH\_SHORT***).show();

*// e.printStackTrace();*

} **catch** (IOException e) {

e.printStackTrace();

}

}

**void** readHelp(){

*// 도움말 보기*

InputStream is = getResources().openRawResource(R.raw.***aa***);

**try** {

**byte** arr[] = **new byte**[is.available()];

is.read(arr);

is.close();

**e1**.setText(**new** String(arr));

} **catch** (IOException e) {

e.printStackTrace();

}

}

}

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

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

**android:orientation="vertical"**

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

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

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

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

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

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

**android:background="@drawable/a"**

**tools:context="com.example.ansan.myapplication.MainActivity"**>

<**LinearLayout**

**android:orientation="vertical"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_gravity="center\_horizontal"**

**android:background="#BBf1d8d8"**>

<**LinearLayout**

**android:orientation="horizontal"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**>

<**DatePicker**

**android:calendarViewShown="false"**

**android:datePickerMode="spinner"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/datePicker"** />

<**LinearLayout**

**android:orientation="vertical"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="match\_parent"**

**android:layout\_gravity="bottom"**

**android:weightSum="1"**>

<**Button**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="일기보기"**

**android:id="@+id/button2"**

**android:layout\_gravity="center\_vertical"**

**android:layout\_weight="0.82"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="도움말"**

**android:id="@+id/button3"** />

</**LinearLayout**>

</**LinearLayout**>

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="242dp"**

**android:id="@+id/editText"**

**android:background="#f9e342"**

**android:layout\_weight="1"**

**android:layout\_gravity="center\_horizontal"** />

<**Button**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="일기저장"**

**android:id="@+id/button"**

**android:layout\_gravity="center\_horizontal"** />

</**LinearLayout**>

</**LinearLayout**>

