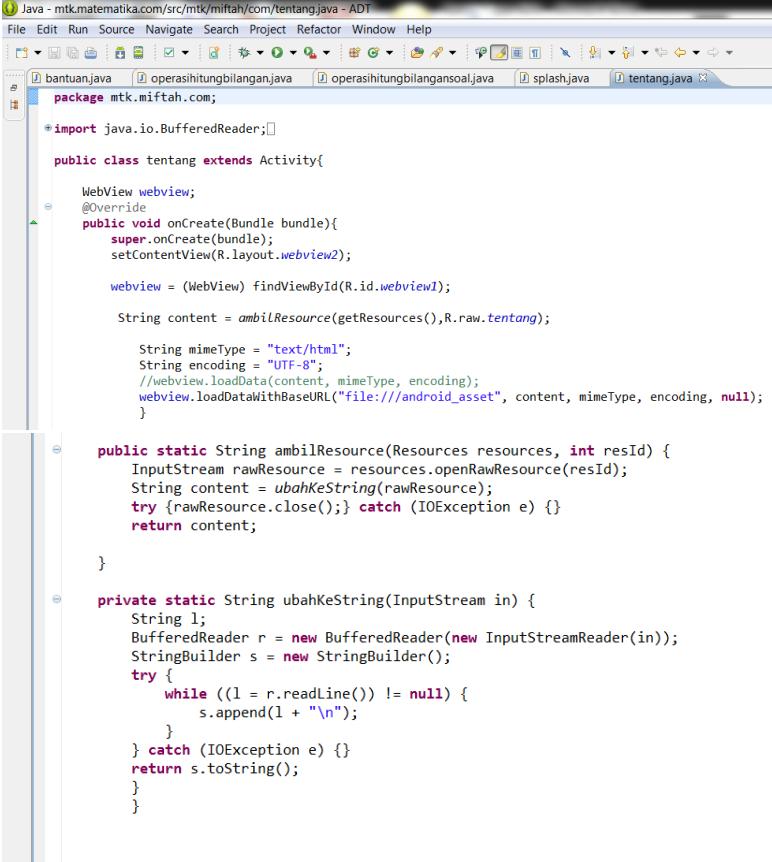


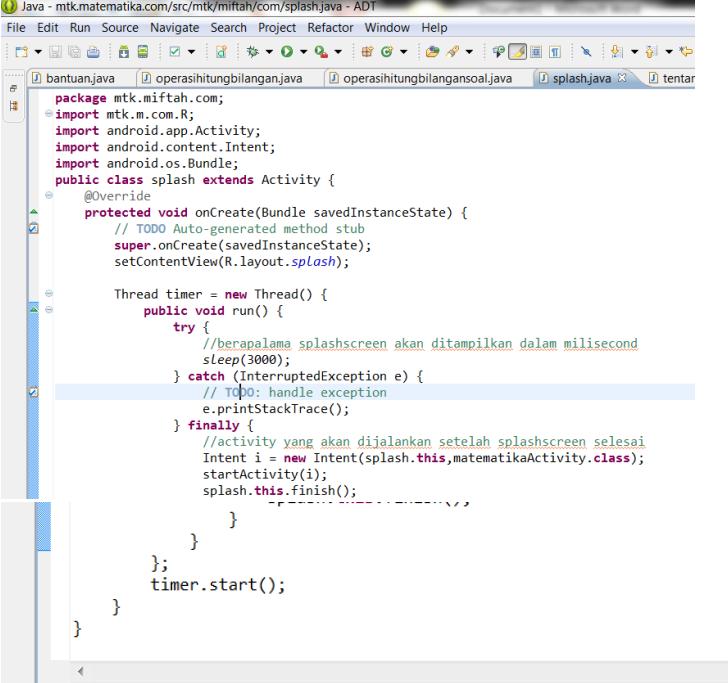
- Tentang.Java



The screenshot shows the Java code for the `Tentang` class within the `mtk.matematika.com/src/mtk/miftah/com` package. The code uses a `WebView` to display content from a raw resource. It includes static methods for reading resources and a private static method for reading input streams.

```
Java - mtk.matematika.com/src/mtk/miftah/com/tentang.java - ADT
File Edit Run Source Navigate Search Project Refactor Window Help
bantuan.java operasihitungbilangan.java operasihitungbilangansoal.java splash.java tentang.java
package mtk.miftah.com;
import java.io.BufferedReader;
public class tentang extends Activity{
    WebView webview;
    @Override
    public void onCreate(Bundle bundle){
        super.onCreate(bundle);
        setContentView(R.layout.webview2);
        webview = (WebView) findViewById(R.id.webview1);
        String content = ambilResource(getResources(),R.raw.tentang);
        String mimeType = "text/html";
        String encoding = "UTF-8";
        //webview.loadData(content, mimeType, encoding);
        webview.loadDataWithBaseUrl("file:///android_asset", content, mimeType, encoding, null);
    }
    public static String ambilResource(Resources resources, int resId) {
        InputStream rawResource = resources.openRawResource(resId);
        String content = ubahKeString(rawResource);
        try {rawResource.close();} catch (IOException e) {}
        return content;
    }
    private static String ubahKeString(InputStream in) {
        String l;
        BufferedReader r = new BufferedReader(new InputStreamReader(in));
        StringBuilder s = new StringBuilder();
        try {
            while ((l = r.readLine()) != null) {
                s.append(l + "\n");
            }
        } catch (IOException e) {}
        return s.toString();
    }
}
```

- **Splash.java**



The screenshot shows the Java code for the `splash` activity in an Android Studio project. The code handles the splash screen logic, including starting a timer thread to delay the transition to the main activity.

```
package mtk.miftah.com;
import mtk.miftah.com.R;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
public class splash extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.splash);

        Thread timer = new Thread() {
            public void run() {
                try {
                    //berapalama splashscreen akan ditampilkan dalam milisecond
                    sleep(3000);
                } catch (InterruptedException e) {
                    // TODO: handle exception
                    e.printStackTrace();
                } finally {
                    //activity yang akan dijalankan setelah splashscreen selesai
                    Intent i = new Intent(splash.this,matematikaActivity.class);
                    startActivity(i);
                    splash.this.finish();
                }
            }
        };
        timer.start();
    }
}
```

- OperasiHitungBilanganSoal.java

The screenshot shows the Java code for the `OperasiHitungBilanganSoal` class within the `bantuan.java` package. The code handles various arithmetic operations and manages a spinner-based user interface.

```

Java - mtk.matematika.com/src/mtk/miftah/com/operasihitungbilangansoal.java - ADT
File Edit Run Source Navigate Search Project Refactor Window Help
bantuan.java operasihitungbilangan.java *operasihitungbilangansoal.java splash.java
# package mtk.miftah.com;
import mtk.m.com.R;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.*;
import android.widget.AdapterView.OnItemSelectedListener;
public class operasihitungbilangansoal extends Activity {
    public int index, index2, index3, index4, index5, index6, index7, index8,
    index9, index10, jumlah;
    public int hasil1, hasil2, hasil3, hasil4, hasil5, hasil6, hasil7, hasil8,
    hasil9, hasil10;
    public static int nilai = 0;
    public TextView ba, bb, bc, bd, be, bf, bg, bh, bi, bj;
    public Spinner soal1, soal2, soal3, soal4, soal5, soal6, soal7, soal8,
    soal9, soal10;
    public Button submit;
    public static int mHasil = 0;
    public String jawaban, jawaban1, kunciString;
    public static String jawaban="";

    String[] pert1 = { "Pilih jawaban", "A. 8", "B. 9 ", "C. 10 " };
    String[] pert2 = { "Pilih jawaban", "A. 11 ", "B. 15 ", "C. 10 " };
    String[] pert3 = { "Pilih jawaban", "A. 2x5x7 ", "B. 2x2x5x7 ", "C. 2x5x5x7 " };
    String[] pert4 = { "Pilih jawaban", "A. 3x5x11", "B. 3x3x11", "C. 3x1x11" };
    String[] pert5 = { "Pilih jawaban", "A. -5", "B. -4", "C. -3" };
    String[] pert6 = { "Pilih jawaban", "A. 5", "B. 6", "C. 7" };
    String[] pert7 = { "Pilih jawaban", "A. 10 liter", "B. 12 liter", "C. 14 liter" };
    String[] pert8 = { "Pilih jawaban", "A. 11 hari", "B. 12 hari", "C. 13 hari" };
    String[] pert9 = { "Pilih jawaban", "A. 8 cm", "B. 64 cm", "C. 512cm" };
    String[] pert10 = { "Pilih jawaban", "A. 71", "B. 81", "C. 91" };

    int[] kunci = { 1, 3, 2, 3, 1, 2, 3, 2, 3, 1 };
    int[] soal = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };

    /** Called when the activity is first created. */
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.tes);

        ba = (TextView) findViewById(R.id.ba);
        bb = (TextView) findViewById(R.id.bb);
        bc = (TextView) findViewById(R.id.bc);
        bd = (TextView) findViewById(R.id.bd);
        be = (TextView) findViewById(R.id.be);
        bf = (TextView) findViewById(R.id.bf);
        bg = (TextView) findViewById(R.id.bg);
        bh = (TextView) findViewById(R.id.bh);
        bi = (TextView) findViewById(R.id.bi);
        bj = (TextView) findViewById(R.id.bj);
        soal1 = (Spinner) findViewById(R.id.soal1);
        soal2 = (Spinner) findViewById(R.id.soal2);
        soal3 = (Spinner) findViewById(R.id.soal3);
        soal4 = (Spinner) findViewById(R.id.soal4);
        soal5 = (Spinner) findViewById(R.id.soal5);
        soal6 = (Spinner) findViewById(R.id.soal6);
        soal7 = (Spinner) findViewById(R.id.soal7);
        soal8 = (Spinner) findViewById(R.id.soal8);
        soal9 = (Spinner) findViewById(R.id.soal9);
        soal10 = (Spinner) findViewById(R.id.soal10);

        submit = (Button) findViewById(R.id.submit);
    }
}

```

```
    submit = (Button) findViewById(R.id.submit);
    ba.setText("1.  $12 + (-24) : 6 = \dots$ ");
    bb.setText("2.  $(-20) : (-5) = (-4) = \dots$ ");
    bd.setText("4. Tentukan faktor prima dari bilangan 140 = ...");
    be.setText("5.  $2 + 4 \times (-3) - (-5) = \dots$ ");
    bf.setText("6. Pak singgih mempunyai 2 utas kawat. Panjang masing-masing adalah 24 cm dan 36 cm. Kawat tersebut akan dipotong menjadi berapa potongan? ");
    bg.setText("7. Dua buah ember berisi air 98 liter dan 84 liter. Berapa kaleng dengan volume sama akan diisi air dari kedua ember tersebut?");
    bh.setText("8. Ririn pergi ke pasar 5 hari sekali. Arum setiap 8 hari sekali, dan Diah setiap 6 hari sekali. jika pada hari ini ketiganya bertemu di pasar. Berapa kali mereka bertemu di pasar selama 1 bulan? ");
    bj.setText("10.  $4 \times 4 \times 4 + 7 = \dots$  ");

    ArrayAdapter<String> pil1 = new ArrayAdapter<String>(this,
        android.R.layout.simple_spinner_item, pert1);
    pil1.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
    soal1.setOnItemSelectedListener(new OnItemSelectedListener() {
        public void onItemSelected(AdapterView<?> arg0, View arg1,
            int arg2, long arg3) {
            index1 = soal1.getSelectedItemPosition();
        }
    });

    public void onNothingSelected(AdapterView<?> arg0) {
    });
}

ArrayAdapter<String> pil2 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert2);
pil2.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal2.setAdapter(pil2);
soal2.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index2 = soal2.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
    });
}

ArrayAdapter<String> pil3 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert3);
pil3.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal3.setAdapter(pil3);
soal3.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index3 = soal3.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
    });
}

ArrayAdapter<String> pil4 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert4);
pil4.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal4.setAdapter(pil4);
soal4.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index4 = soal4.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
    });
}

ArrayAdapter<String> pil5 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert5);
pil5.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal5.setAdapter(pil5);
soal5.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index5 = soal5.getSelectedItemPosition();
    }
});
```

```
    public void onNothingSelected(AdapterView<?> arg0) {
    });
}

ArrayAdapter<String> pil6 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert6);
pil6.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal6.setAdapter(pil6);
soal6.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index6 = soal6.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
};

ArrayAdapter<String> pil7 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert7);
pil7.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal7.setAdapter(pil7);
soal7.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index7 = soal7.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
};

ArrayAdapter<String> pil8 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert8);
pil8.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal8.setAdapter(pil8);
soal8.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index8 = soal8.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
};

ArrayAdapter<String> pil9 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert9);
pil9.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal9.setAdapter(pil9);
soal9.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index9 = soal9.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
};

ArrayAdapter<String> pil10 = new ArrayAdapter<String>(this,
    android.R.layout.simple_spinner_item, pert10);
pil10.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
soal10.setAdapter(pil10);
soal10.setOnItemSelectedListener(new OnItemSelectedListener() {
    public void onItemSelected(AdapterView<?> arg0, View arg1,
        int arg2, long arg3) {
        index10 = soal10.getSelectedItemPosition();
    }
});

public void onNothingSelected(AdapterView<?> arg0) {
};

public void hitungPoin(View view) {
    int jwb[] = { index, index2, index3, index4, index5, index6, index7,
        index8, index9, index10 };
    int no;
```

```
for (int i = 0; i < kunci.length; i++) {
    if (jwb[i]==1){
        jawaban=" A ";
    }else if (jwb[i]==2) {
        jawaban=" B ";
    }else if (jwb[i]==3) {
        jawaban=" C ";
    }else{
        jawaban=" - ";
    }
    if (kunci[i]==1){
        kunciString="A";
    }else if (kunci[i]==2) {
        kunciString="B";
    }else if (kunci[i]==3) {
        kunciString="C";
    }else{
        kunciString="Tidak dijawab";
    }
    if (jwb[i] == kunci[i]) {
        mHasil = mHasil + 10;
        //ini buat ganti String tulisan pada output hasil nilai, juga yg di nilai.java juga, ini gabung...
        jawaban1=jawaban" »(Benar)"> "+kunciString" \n";
    }else{
        //ini buat ganti String tulisan pada output hasil nilai, juga yg di nilai.java juga, ini gabung...
        jawaban1=jawaban" »(Salah)"> "+kunciString" \n";
    }
    ...
}
no=i+1;
jwoban=jwaban+Integer.toString(no)+"." "+jawaban1;
}
Intent nilaisoal = new Intent(this,nilai.class);
nilaisoal.putExtra("mHasil", mHasil);
nilaisoal.putExtra("mJwb", jwaban);
startActivity(nilaisoal);
finish();
System.exit(0);
}

@Override
public void onBackPressed(){
finish();
System.exit(0);
}
```

- OperasiHitungBilangan.java

The screenshot shows the Java code for the `OperasiHitungBilangan` class within the `mtk.miftah.com` package. The code uses `WebView` to load content from `raw` resources. It includes methods for reading raw resources and a private helper method for reading input streams.

```
Java - mtk.matematika.com/src/mtk/miftah/com/operasihitungbilangan.java - ADT
File Edit Run Source Navigate Search Project Refactor Window Help
bantuan.java operasihitungbilangan.java *operasihitungbilangansoal.java splash.java
package mtk.miftah.com;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;

import mtk.m.com.R;

import android.app.Activity;
import android.content.res.Resources;
import android.os.Bundle;
import android.webkit.WebView;

public class operasihitungbilangan extends Activity{

    WebView webview;
    @Override
    public void onCreate(Bundle bundle){
        super.onCreate(bundle);
        setContentView(R.layout.webview2);

        webview = (WebView) findViewById(R.id.webview);

        String content = ambilResource(getResources(),R.raw.bangundatar);

        String mimeType = "text/html";
        String encoding = "UTF-8";

        //webview.loadUrl("file:///android_asset/info.html");
        //webview.loadData(content, mimeType, encoding);
        webview.loadDataWithBaseURL("file:///android_asset", content, mimeType, encoding, null);
    }

    public static String ambilResource(Resources resources, int resId) {
        InputStream rawResource = resources.openRawResource(resId);
        String content = ubahKeString(rawResource);
        try {rawResource.close();} catch (IOException e) {}
        return content;
    }

    private static String ubahKeString(InputStream in) {
        String l;
        BufferedReader r = new BufferedReader(new InputStreamReader(in));
        StringBuilder s = new StringBuilder();
        try {
            while ((l = r.readLine()) != null) {
                s.append(l + "\n");
            }
        } catch (IOException e) {}
        return s.toString();
    }
}
```