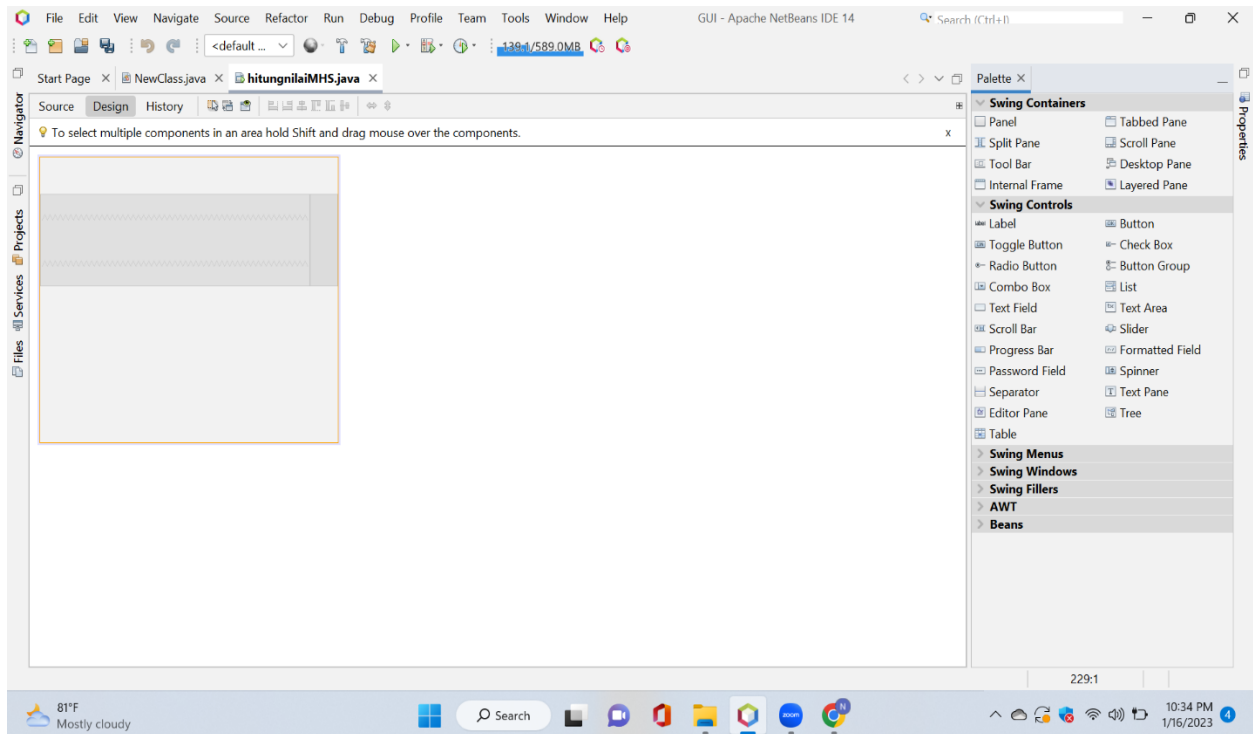
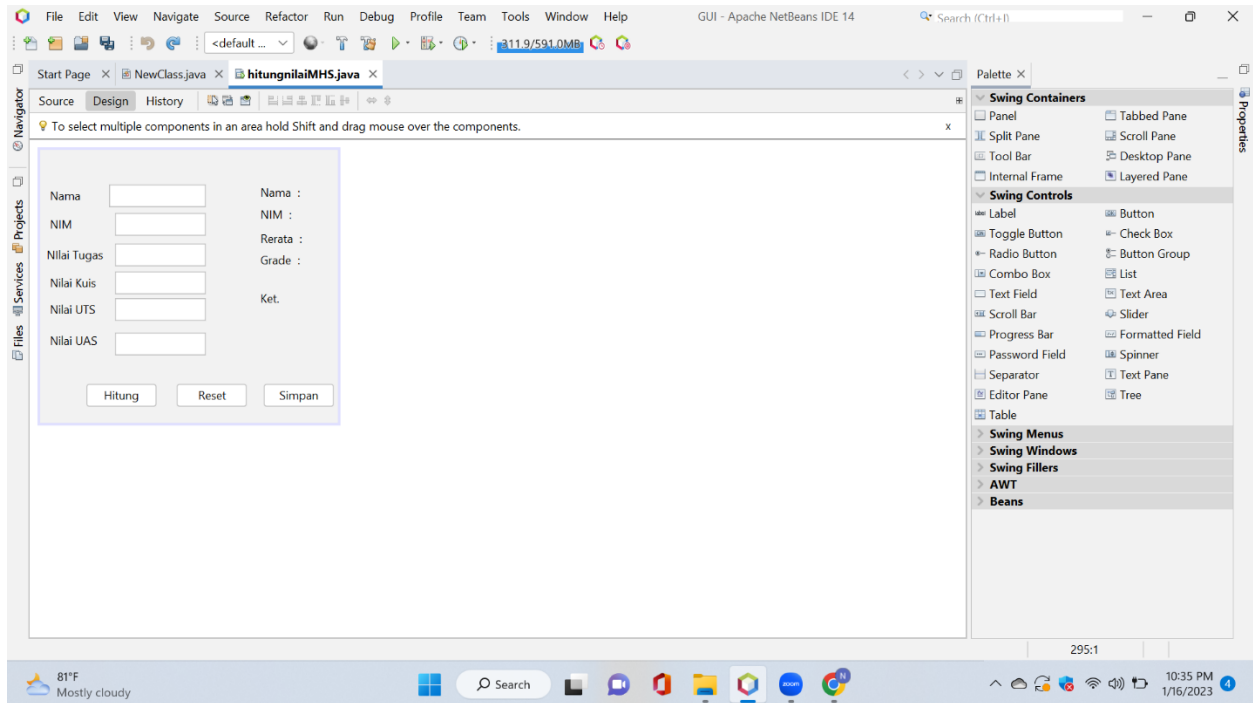


Langsung saja pada frame yang tampil , masukan 3 panel yang terdapat pada palette. Dimana panel tersebut digunakan untuk judul program , input nilai dan output nilai.



Selanjutnya masukan JTextField , JLabel dan JComboBox pada palette ke Frame , sehingga kurang lebih seperti gambar dibawah setelah mengganti text defaultnya.



```

jTextField1 = txtNama
jTextField2 = txtNim
jTextField3 = txtNilaiTgs
jTextField4 = txtNilaiKuis
jTextField5 = txtNilaiUts
jTextField6 = txtNilaiUas
jLabel9 = outNama
jLabel11 = outNim
jLabel13 = outRerata
jLabel15 = outGrade
jLabel17 = outKeterangan
jButton1 = hitung
jButton2 = reset
jButton3 = simpan

```

Untuk merubah variable , klik kanan pada komponen > pilih Change Variable Name > masukan nama variable baru dan OK.

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help GUI - Apache NetBeans IDE 14 Search (Ctrl+I)
233.8/595.5MB
Start Page X NewClass.java X hitungnilaiMHS.java X
Source Design History
private void hitungActionPerformed(java.awt.event.ActionEvent evt) {
    //untuk rerata
    String nama = txtNama.getText();
    String nim = txtNim.getText();
    if (txtNilaiTgs.getText().isEmpty() || txtNilaiKuis.getText().isEmpty() || txtNilaiUts.getText().isEmpty() || txtNilaiUas.getText().isEmpty()) {
        JOptionPane.showMessageDialog(null, "Maaf , form masih kosong");
    }
    else {
        Double rerata = (Double.parseDouble(txtNilaiTgs.getText()) +
            Double.parseDouble(txtNilaiKuis.getText()) +
            Double.parseDouble(txtNilaiUts.getText()) + Double.parseDouble(txtNilaiUas.getText())) / 4;
        outRerata.setText(rerata.toString().substring(0,5));
        outNama.setText(nama);
        outNim.setText(nim);
    }
    //Untuk grade
    Double a = Double.parseDouble(outRerata.getText());
    char grade = ' ';
    if (a >= 90.00) {
        grade = 'A';
        outGrade.setText("" + grade);
    }
    else if (a >= 80.00 && a <= 89.00) {
        grade = 'B';
        outGrade.setText("" + grade);
    }
    else if (a >= 70.00 && a <= 79.00) {
        grade = 'C';
        outGrade.setText("" + grade);
    }
    else if (a >= 40.00 && a <= 69.00) {
        grade = 'D';
    }
}
```

```
81°F Mostly cloudy Search 10:35 PM 1/16/2023
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help GUI - Apache NetBeans IDE 14 Search (Ctrl+I)
269.4/595.5MB
Start Page X NewClass.java X hitungnilaiMHS.java X
Source Design History
char grade = ' ';
if (a >= 90.00) {
    grade = 'A';
    outGrade.setText("" + grade);
}
else if (a >= 80.00 && a <= 89.00) {
    grade = 'B';
    outGrade.setText("" + grade);
}
else if (a >= 70.00 && a <= 79.00) {
    grade = 'C';
    outGrade.setText("" + grade);
}
else if (a >= 40.00 && a <= 69.00) {
    grade = 'D';
    outGrade.setText("" + grade);
}
else if (a <= 39.00) {
    grade = 'E';
    outGrade.setText("" + grade);
}
//keterangan
if (grade == 'A' || grade == 'B' || grade == 'C') {
    outKet.setText("Dinyatakan Lulus");
}
else {
    outKet.setText("Dinyatakan Tidak Lulus");
}
// TODO add your handling code here:
}
/**
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help GUI - Apache NetBeans IDE 14 Search (Ctrl+F)
Start Page X NewClass.java X hitungnilaiMHS.java X
Source Design History
else if (a >= 40.00 && a <= 69.00) {
    grade = 'D';
    outGrade.setText(""+grade);
}
else if (a <= 39.00) {
    grade = 'E';
    outGrade.setText(""+grade);
}
//keterangan
if (grade == 'A' || grade == 'B' || grade == 'C') {
    outKet.setText("Dinyatakan Lulus");
}
else {
    outKet.setText("Dinyatakan Tidak Lulus");
}
// TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    Look and feel setting code (optional)

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new hitungnilaiMHS().setVisible(true);
        }
    });
}
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help GUI - Apache NetBeans IDE 14 Search (Ctrl+F)
Start Page X NewClass.java X hitungnilaiMHS.java X
Source Design History
// Variables declaration - do not modify
private javax.swing.JButton hitung;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel outGrade;
private javax.swing.JLabel outKet;
private javax.swing.JLabel outNama;
private javax.swing.JLabel outNil;
private javax.swing.JLabel outRerata;
private javax.swing.JButton reset;
private javax.swing.JButton simpan;
private javax.swing.JTextField txtNama;
private javax.swing.JTextField txtNilaiRuis;
private javax.swing.JTextField txtNilaiTg;
private javax.swing.JTextField txtNilaiUas;
private javax.swing.JTextField txtNilaiUts;
private javax.swing.JTextField txtNil;
// End of variables declaration
}
```

