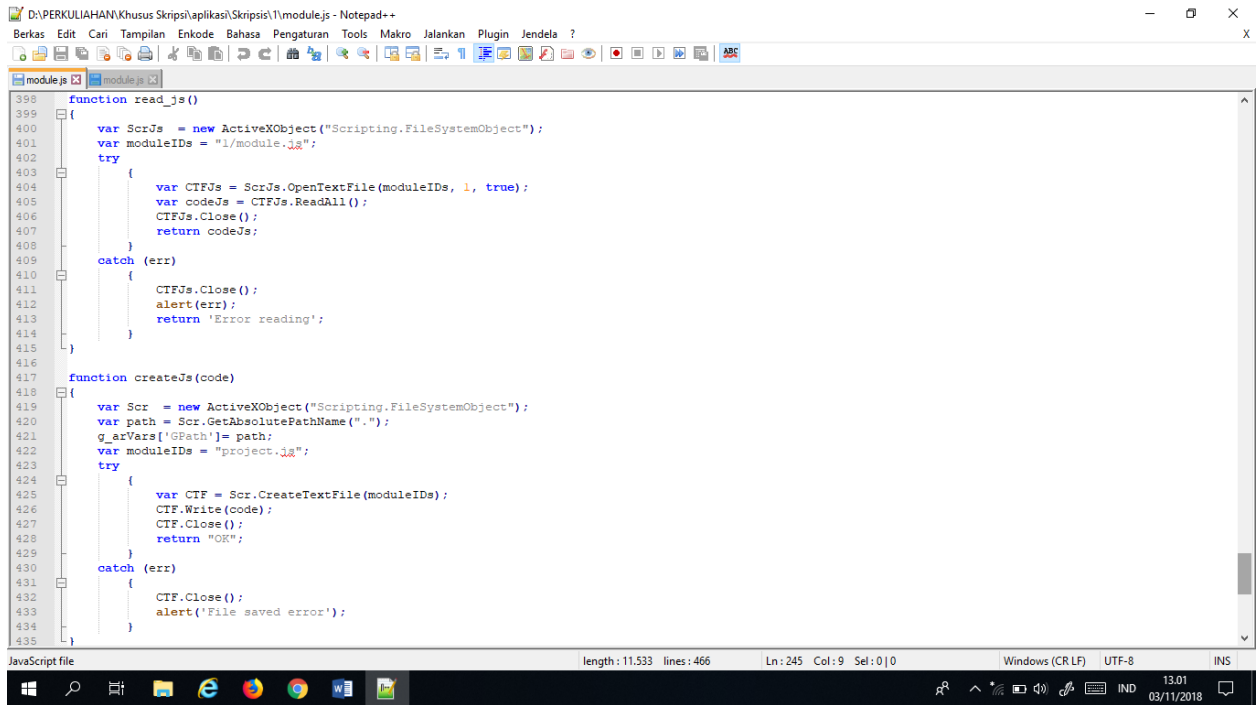


Lampiran

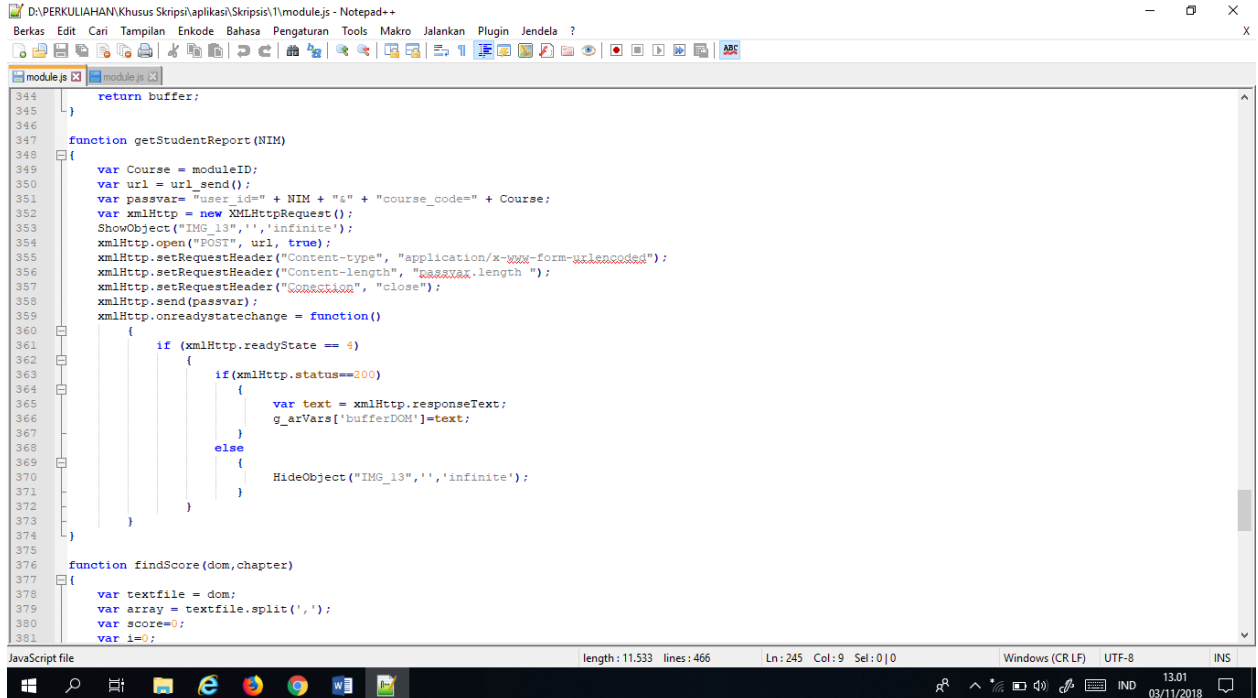
Potongan Kode Program



```
function read_js()
{
    var ScrJs = new ActiveXObject("Scripting.FileSystemObject");
    var moduleIDs = "1/module.js";
    try
    {
        var CTFJs = ScrJs.OpenTextFile(moduleIDs, 1, true);
        var codeJs = CTFJs.ReadAll();
        CTFJs.Close();
        return codeJs;
    }
    catch (err)
    {
        CTFJs.Close();
        alert(err);
        return 'Error reading';
    }
}

function createJs(code)
{
    var Scr = new ActiveXObject("Scripting.FileSystemObject");
    var path = Scr.GetAbsolutePathName(".");
    g_arVars['GPath'] = path;
    var moduleIDs = "project.js";
    try
    {
        var CTF = Scr.CreateTextFile(moduleIDs);
        CTF.Write(code);
        CTF.Close();
        return "OK";
    }
    catch (err)
    {
        CTF.Close();
        alert('File saved error!');
    }
}
```

Gambar 16



```
return buffer;
}

function getStudentReport(NIM)
{
    var Course = moduleID;
    var url = url_send();
    var passvar = "user_id=" + NIM + "&" + "course_code=" + Course;
    var xmlhttp = new XMLHttpRequest();
    ShowObject("IMG_13", '', 'infinite');
    xmlhttp.open("POST", url, true);
    xmlhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
    xmlhttp.setRequestHeader("Content-length", passvar.length);
    xmlhttp.setRequestHeader("Connection", "close");
    xmlhttp.send(passvar);
    xmlhttp.onreadystatechange = function()
    {
        if (xmlhttp.readyState == 4)
        {
            if (xmlhttp.status == 200)
            {
                var text = xmlhttp.responseText;
                g_arVars['bufferDOM'] = text;
            }
            else
            {
                HideObject("IMG_13", '', 'infinite');
            }
        }
    }
}

function findScore(dom, chapter)
{
    var textfile = dom;
    var array = textfile.split(',');
    var score = 0;
    var i = 0;
}
```

Gambar 17

```
function assignment (chapter)
{
    var result = "";
    var textfile = read_file();
    var array = textfile.split(',');
    var i=0;
    var counter = "true";
    while (counter=="true")
    {
        if (array[i]==chapter)
        {
            var text = array[i+1];
            break;
        }
        i++;
        if (array[i]=="") (break);
        if (i==99) (break);
    }
    return text;
}

function htmlCode(text)
{
    var buffer = "";
    var loop = "TRUE"
    while (loop){
        buffer = text.replace(',','@@@');
        if (buffer == text) (break);
        text = buffer;
    }
    return buffer;
}

function htmlDeCode(text)
{
    var buffer = "";
    var loop = "TRUE"
    while (loop){
        buffer = text.replace('@@@',',');
        if (buffer == text) (break);
    }
}
```

Gambar 18

```
function sendDataPost ()
{
    //alert(read_file());
    var message = "MSG_06";
    var url = url_update();
    var json = read_file();
    var xmlhttp = new XMLHttpRequest();
    var passvar = "onlineText="+json;
    if (xmlhttp != null){
        ShowObject(message, '', 'infinite');
        xmlhttp.open("POST", url, true);
        xmlhttp.setRequestHeader("Content-type","application/x-www-form-urlencoded");
        xmlhttp.setRequestHeader("Content-length", "passvar.length");
        xmlhttp.setRequestHeader("connection","close");
        xmlhttp.send(passvar);
        xmlhttp.onreadystatechange = function () {
            if (xmlhttp.readyState == 4) {
                if (xmlhttp.status == 200) {
                    HideObject(message, '', 'infinite');
                }
                else {
                    HideObject(message, '', 'infinite');
                }
            }
            else {
                HideObject(message, '', 'infinite');
            }
        }
    }
}

function assignment (chapter)
{
    var result = "";
    var textfile = read_file();
    var array = textfile.split(',');
    var i=0;
    var counter = "true";
}
```

Gambar 19

```
230 }
231
232 function store_data(chapter, text)
233 {
234
235     var dom = g_arVars['bufferDOM'];
236     var textfile = read_file(); //
237     array = textfile.split(',');
238     var counter = 0;
239
240     for(i=0;i<99;i++)
241     {
242         if ((array[i] == '') | (array[i] == chapter))
243         {
244             counter = i;
245             break;
246         }
247     }
248     var Textfilebaru = '';
249     array[counter] = chapter;
250     array[counter + 1] = text;
251     //alert(array[counter], array[counter + 1]);
252
253     for(i=0;i<array.length;i++){
254         Textfilebaru += array[i] + ',';
255     }
256
257     var HText = stringToHex(Textfilebaru);
258     secureText = s_encode(HText,codeID);
259     var Scr6 = new ActiveXObject("Scripting.FileSystemObject");
260     var moduleIDs = moduleID + ".xxx";
261     try {
262         var CTF6 = Scr6.CreateTextFile(moduleIDs);
263         CTF6.Write(secureText);
264         CTF6.Close();
265         alert("Data saved");
266         return "OK";
267     }
```

Gambar 20

```
205 }
206
207 function updateFile()
208 {
209
210     var text = read_file();
211     var array = text.split(',');
212     var moduleIDs = array[0] + '.txt';
213     var Scr2 = new ActiveXObject("Scripting.FileSystemObject");
214     array[3]="VALID";
215     var Text = array_toText(array,array.length);
216     var HText = stringToHex(Text);
217     secureText = s_encode(HText,codeID);
218     try
219     {
220         var CTF2 = Scr2.CreateTextFile(moduleIDs);
221         CTF2.Write(secureText);
222         CTF2.Close();
223         return "Validation is done";
224     }
225     catch (err)
226     {
227         CTF2.Close();
228         alert('File saved error');
229     }
230 }
231
232 function store_data(chapter, text)
233 {
234
235     var dom = g_arVars['bufferDOM'];
236     var textfile = read_file(); //
237     array = textfile.split(',');
238     var counter = 0;
239
240     for(i=0;i<99;i++)
241     {
242         if ((array[i] == '') | (array[i] == chapter))
```

Gambar 21

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsi\1\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js
166 function d2h(d) {
167     return d.toString(16);
168 }
169
170 function h2d(h) {
171     return parseInt(h, 16);
172 }
173
174 function validation(url, json, object)
175 {
176     var xmlhttp = new XMLHttpRequest();
177     var result = null;
178     if (xmlhttp != null) {
179         ShowObject("IMG_13","", "infinite");
180         xmlhttp.open("POST", url, true);
181         xmlhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
182         xmlhttp.setRequestHeader("Content-length", "json.length");
183         xmlhttp.setRequestHeader("Connection", "close");
184         xmlhttp.send(json);
185         xmlhttp.onreadystatechange = function() {
186             if ((xmlhttp.readyState == 4) & (xmlhttp.status == 200)) {
187                 var result = xmlhttp.responseText;
188                 if (result == "VALID") {
189                     response = updateFile();
190                     HideObject("IMG_13","", "infinite");
191                     ShowObject('IMG_83');
192                 }
193                 if (result == "INVALID") {
194                     alert("Please, check your Student-ID and try again");
195                     HideObject("IMG_83","", "infinite");
196                     HideObject("IMG_13","", "infinite");
197                 }
198             }
199         };
200         if ((xmlhttp.readyState == 4) & (xmlhttp.status != 200)) {
201             alert("Validation error, please get internet connection and try again");
202             HideObject(object, "", "infinite");
203         }
204     }
205 }
JavaScript file length: 11.533 lines: 466 Ln: 245 Col: 9 Sel: 0|0 Windows (CRLF) UTF-8 INS 13.01 03/11/2018
```

Gambar 22

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsi\1\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js
111 function g_encode(grade) {
112     return (grade+174)*100;
113 }
114
115 function g_decode(higrade) {
116     return ((higrade)/100 -174);
117 }
118
119 var myArray = new Array();
120
121 function generate_array(number) {
122     var text = "";
123     for (i=1;i<number;i++){
124         text = text + ',';
125         myArray[i] = " ";
126         text = text + myArray[i];
127     }
128     return text;
129 }
130
131 function array_toText(myArray,length) {
132     var string = myArray[0];
133     for (i=1;i<length;i++){
134         string = string + "," + myArray[i];
135     }
136     return string;
137 }
138
139 function stringToHex (tmp) {
140     var str = '',
141         i = 0,
142         tmp_len = tmp.length,
143         c;
144
145     for (; i < tmp_len; i += 1) {
146         c = tmp.charCodeAt(i);
147         str += d2h(c) + ' ';
148     }
149 }
JavaScript file length: 11.533 lines: 466 Ln: 245 Col: 9 Sel: 0|0 Windows (CRLF) UTF-8 INS 13.01 03/11/2018
```

Gambar 23

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsis\1\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js x module.js x
75
76 function create_newFile(moduleID,studentId,studentName,status)
77 {
78     var moduleIDs = moduleID + '.txt';
79     var Scr2 = new ActiveXObject("Scripting.FileSystemObject");
80     var score = g_encode(score);
81     var string = generate_array(100);
82     array = string.split(',');
83     array[0]=moduleID;array[1]=studentId;array[2]=studentName;array[3]=status;
84     var HText = array_toText(array,100);
85     var HText = stringToHex(HText);
86     secureText = s_encode(HText,codeID);
87     try
88     {
89         var CTF2 = Scr2.CreateTextFile(moduleIDs);
90         CTF2.Write(secureText);
91         CTF2.Close();
92         return "OK";
93     }
94     catch (err)
95     {
96         CTF2.Close();
97         alert('File saved error');
98     }
99 }
100
101 function s_encode(str,code) {
102     var encoded = "";
103     for (i=0; i<str.length;i++) {
104         var a = str.charCodeAt(i);
105         var b = a ^ code;
106         encoded = encoded+String.fromCharCode(b);
107     }
108     return encoded;
109 }
110
111 function g_encode(grade) {
112     return (grade+174)*100;
113 }
JavaScript file length: 11.533 lines: 466 Ln: 245 Col: 9 Sel: 0|0 Windows (CRLF) UTF-8 INS 13.01 03/11/2018
```

Gambar 24

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsis\1\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js x module.js x
43
44 function callModuleID() {
45     return moduleID;
46 }
47
48 function code() {
49     return codeID;
50 }
51
52 function codeh() {
53     return codeIDH;
54 }
55
56 function read_file()
57 {
58     var Scr8 = new ActiveXObject("Scripting.FileSystemObject");
59     var moduleIDs = moduleID+".txt";
60     try
61     {
62         var CTF8 = Scr8.OpenTextFile(moduleIDs, 1, true);
63         encodedText = CTF8.ReadAll();
64         CTF8.Close();
65         decodedText = s_encode(encodedText,codeID);
66         natureText = hexToString(decodedText);
67         return natureText;
68     }
69     catch (err)
70     {
71         CTF8.Close();
72         return 'Course ID is not found';
73     }
74 }
75
76 function create_newFile(moduleID,studentId,studentName,status)
77 {
78     var moduleIDs = moduleID + '.txt';
79     var Scr2 = new ActiveXObject("Scripting.FileSystemObject");
80     var score = g_encode(score);
JavaScript file length: 11.533 lines: 466 Ln: 245 Col: 9 Sel: 0|0 Windows (CRLF) UTF-8 INS 13.01 03/11/2018
```

Gambar 25

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsi\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js
6 // InitModule
7 function InitModule()
8 {
9 }
10
11 // ShutdownModule
12 function ShutdownModule()
13 {
14 }
15
16
17 var moduleID = 'Material Teknik 2018';
18 var codeID = 68;
19 var codeIDH = 225;
20 var text_assign = '';
21
22 function url_update()
23 {
24     var url_updt = "http://qflm.umv.ac.id/_insert_text.php";
25     return url_updt;
26 }
27
28 function url_validation()
29 {
30     var uurl = "http://qflm.umv.ac.id/_check_mhs.php";
31     return uurl;
32 }
33
34 function url_send() {
35     var uuurl="http://qflm.umv.ac.id/_send_onlinetext.php";
36     return uuurl;
37 }
38
39 function url_data(){
40     var surl="http://qflm.umv.ac.id/_data_mhs.php";
41     return surl;
42 }
43
JavaScript file length: 11.533 lines: 466 Ln: 245 Col: 9 Sel: 0 | 0 Windows (CR LF) UTF-8 INS 13.00 03/11/2018
```

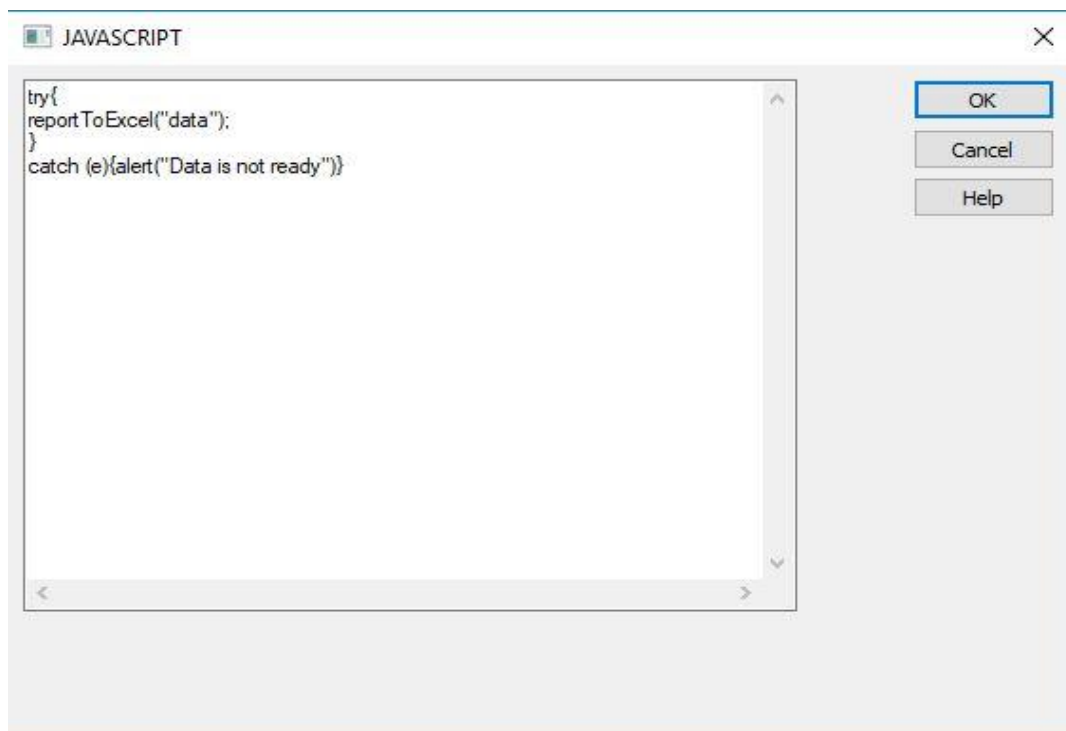
Gambar 26

```
D:\PERKULIAHAN\Khusus Skripsi\aplikasi\Skripsi\module.js - Notepad++
Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Tools Makro Jalankan Plugin Jendela ?
module.js
430 catch (err)
431 {
432     CTF.Close();
433     alert('File saved error!');
434 }
435 }
436
437 function require(script) {
438     $.ajax({
439         url: script,
440         dataType: "script",
441         async: false,
442         success: function () {
443             },
444         error: function () {
445             throw new Error("Could not load script " + script);
446         }
447     });
448 }
449
450 function get_script(html) {
451     var clear = html.replace(/(\r\n\t|\n|\r\t)/gm, "");
452     var script = "";
453     var cont = true;
454     while (cont){
455         var scr = clear.match("<script>(.*?)</script>");
456         if (scr!=null){
457             script += " " + scr[1];
458             var deletestring = "<script>" + scr[1] + "</script>";
459             var newClear = clear.replace(deletestring, '');
460             clear = newClear;
461         }
462         else {break;}
463         //alert(clear);
464     }
465     return script;
466 }
```

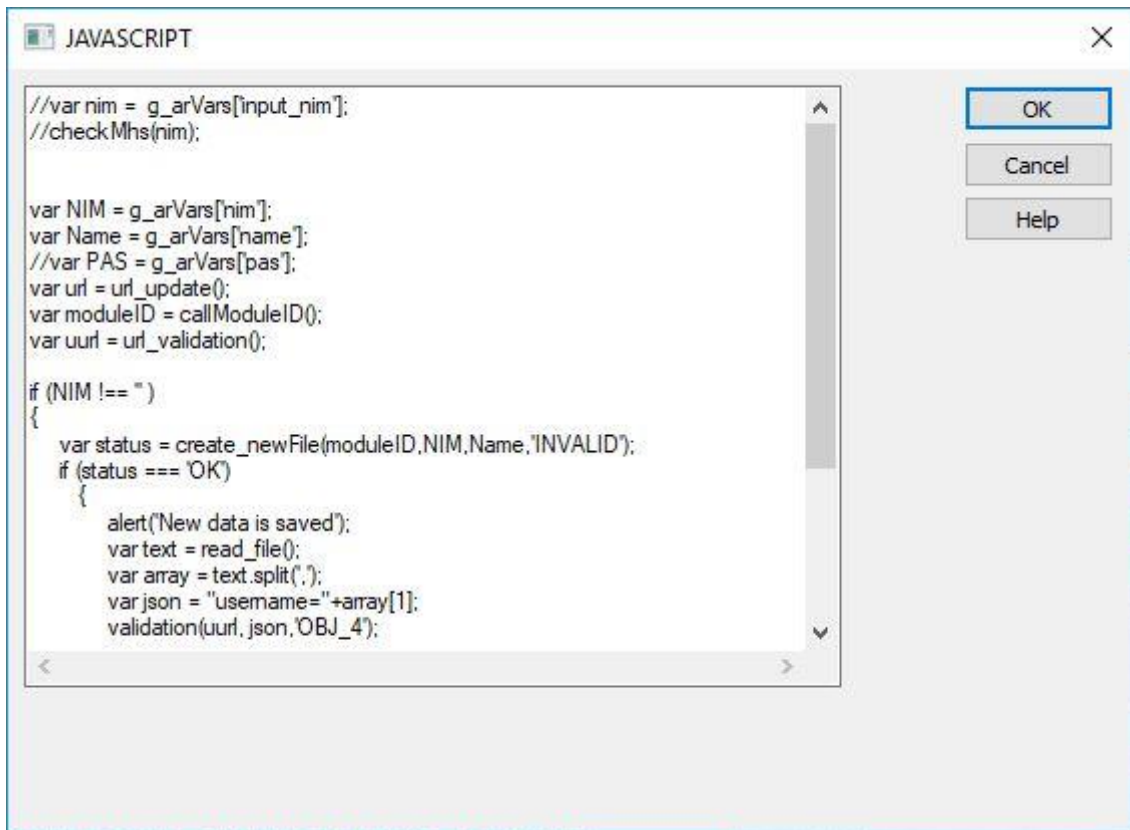
Gambar 28



Gambar 29



Gambar 30



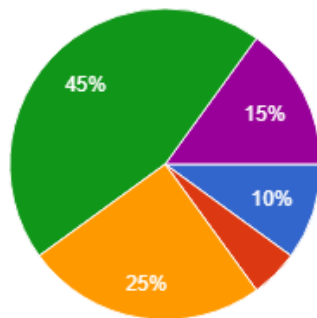
```
//var nim = g_arVars[input_nim];  
//checkMhs(nim);  
  
var NIM = g_arVars[nim];  
var Name = g_arVars[name];  
//var PAS = g_arVars[pas];  
var url = url_update();  
var moduleID = callModuleID();  
var uurl = url_validation();  
  
if (NIM !== "")  
{  
    var status = create_newFile(moduleID,NIM,Name,'INVALID');  
    if (status === 'OK')  
    {  
        alert("New data is saved");  
        var text = read_file();  
        var array = text.split(",");  
        var json = "username="+array[1];  
        validation(uurl, json,'OBJ_4');
```

Gambar 31

Hasil Kuesioner

1.apakah modul ini mudah anda fahami?

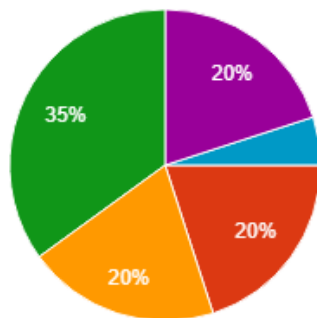
20 responses



- sangat tidak setuju
- tidak setuju
- netral
- setuju
- sangat setuju

2.apakah penampilan modul ini menarik?

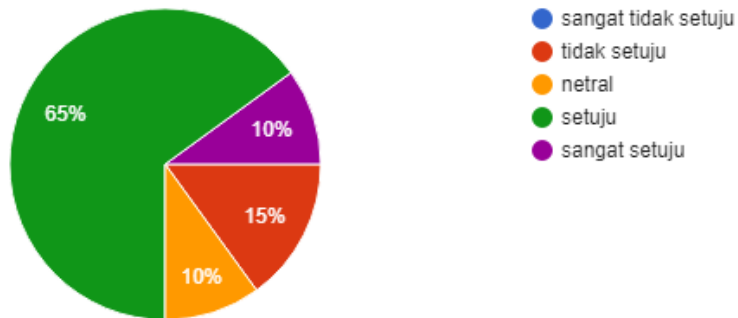
20 responses



- sangat tidak setuju
- tidak setuju
- netral
- setuju
- sangat setuju
- netrak

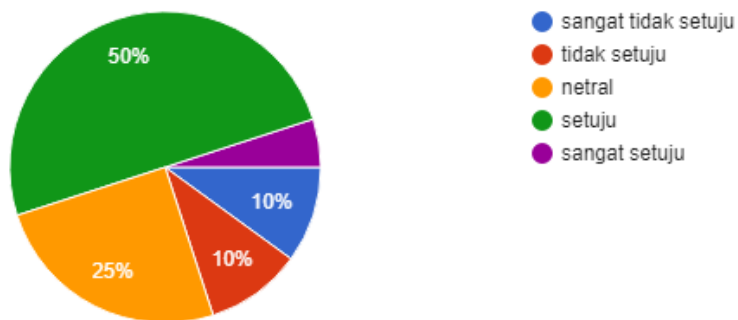
3.apakah modul ini memudahkan anda dalam mengingat isi materi?

20 responses



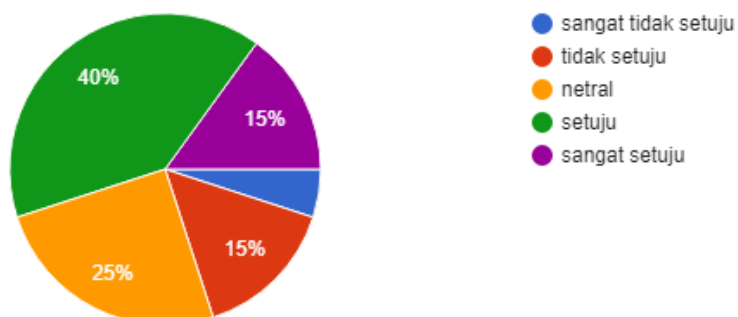
4.apakah modul ini membuat anda belajar dan mudah menjawab soal quiz?

20 responses



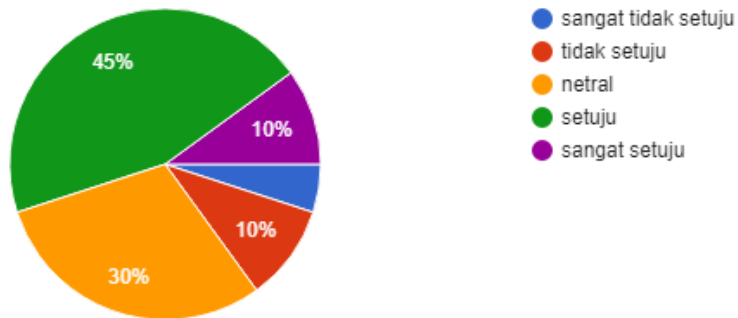
5.apakah modul ini membuat anda belajar jadi lebih mudah dan praktis?

20 responses



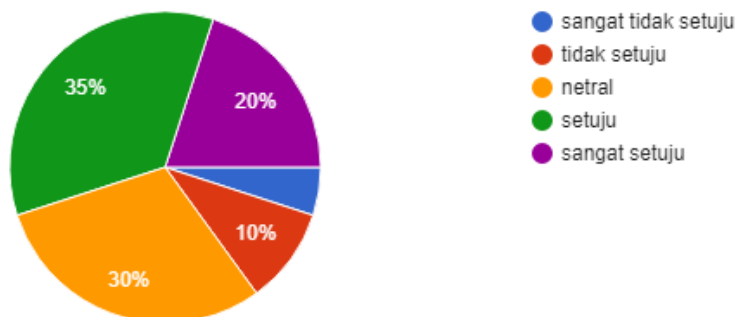
6.apakah modul ini mudah di pakai?

20 responses



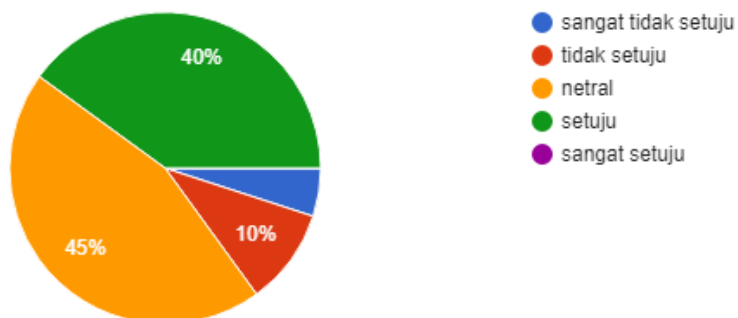
7.apakah modul ini lebih praktis dari pada buku manual?

20 responses



8.apakah anda langsung bisa menggunakan modul ini tanpa menanyakan cara pakainya?

20 responses



9.apakah dengan memakai modul ini motivasi belajar anda naik?

20 responses

