Nama = Ashilpa Darrel Bumika

NIM   = 22537141019

Laporan modul 12

Github : https://github.com/DarrelBumika/Pemrograman-Web.git

A. Meteri yang telah dipelajari
    1. Memahami konsep dasar javascript
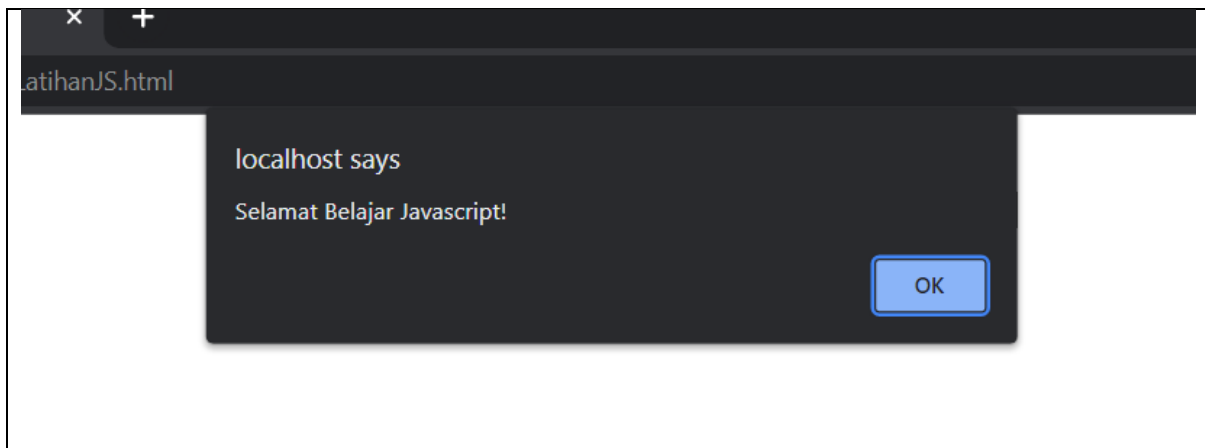   2. Mampu mengintegrasikan javascript ke dalam halaman web
B. Latihan
    1. Latihan Kode JavaScript
        a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan 1</title>
    </head>
    <body>
        <h1>Latihan 1 Javascript</h1>
        <script>
            alert("Selamat Belajar Javascript!");
        </script>
    </body>
</html>
```

        b. Screenshot

LatihanJS.html

localhost says

Selamat Belajar Javascript!

OK

2. Latihan Operator
a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Operator</title>
    </head>
    <body>
        <h1>Latihan Operator Javascript</h1>
        <script>
            var x = 4;
            var y = 5;

            x = x * y;
            alert("x * y = " + x);
        </script>
    </body>
</html>
```
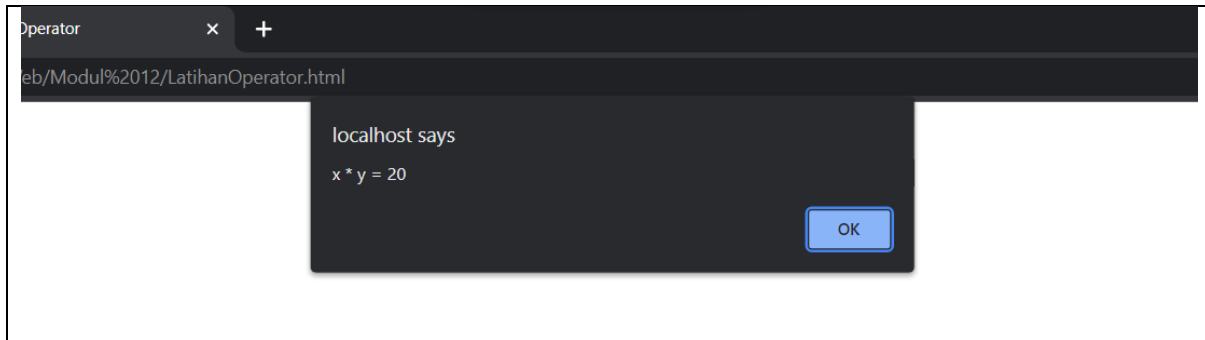
b. Screenshot

Operator

eb/Modul%2012/LatihanOperator.html

localhost says

x * y = 20

OK

3. Latihan Operator Assignment
a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Operator Assignment</title>
    </head>
    <body>
        <h1>Latihan Operator Assignment Javascript</h1>
        <script>
            var x = 8;
            var y = 5;

            x += y;
            alert("x + y = " + x);
        </script>
    </body>
</html>
```
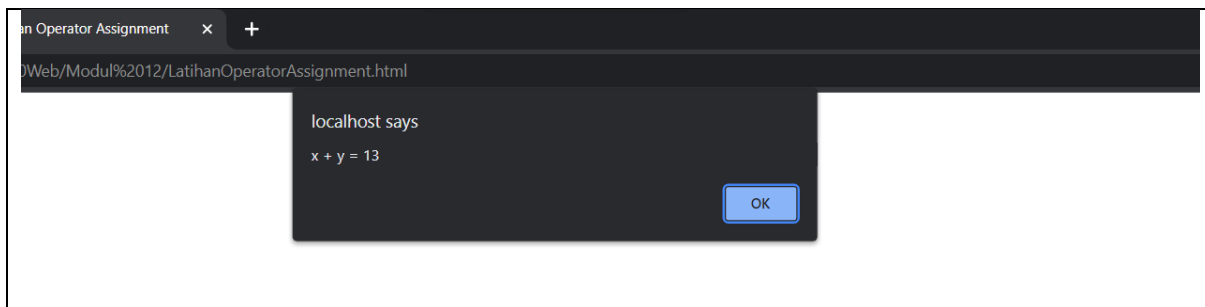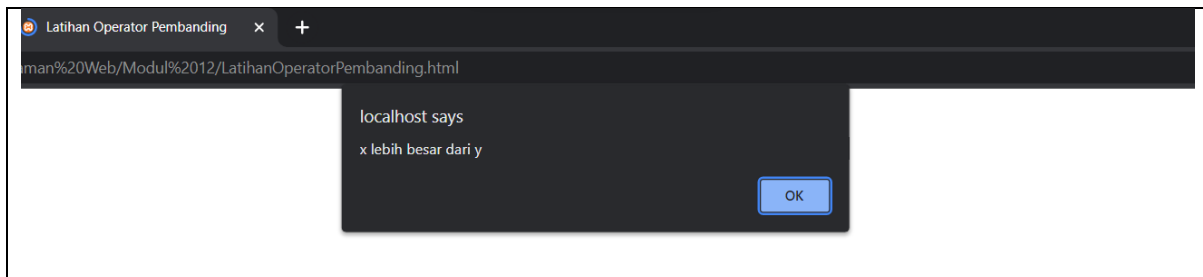
b. Screenshot

an Operator Assignment

)Web/Modul%2012/LatihanOperatorAssignment.html

localhost says

x + y = 13

OK

4. Latihan Operator Pembanding
   a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Operator Pembanding</title>
    </head>
    <body>
        <h1>Latihan Operator Pembanding Javascript</h1>
        <script>
            var x = 8;
            var y = 5;

            if(x > y){
                alert("x lebih besar dari y");
            }
        </script>
    </body>
</html>
```

   b. Screenshot

Latihan Operator Pembanding × +

man%20Web/Modul%2012/LatihanOperatorPembanding.html

localhost says

x lebih besar dari y

OK

5. Latihan Operator Logika
   a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Operator Logika</title>
    </head>
    <body>
        <h1>Latihan Operator Logika Javascript</h1>
        <script>
            var x = 95;
            if(x >= 80){
                alert("Nilai = A");
            } else if(x >= 70 && x < 80) {
                alert("Nilai = B");
            } else if(x >= 60 && x < 70) {
                alert("Nilai = C");
            } else {
                alert("Nilai = D");
            }
        </script>
    </body>
</html>
```
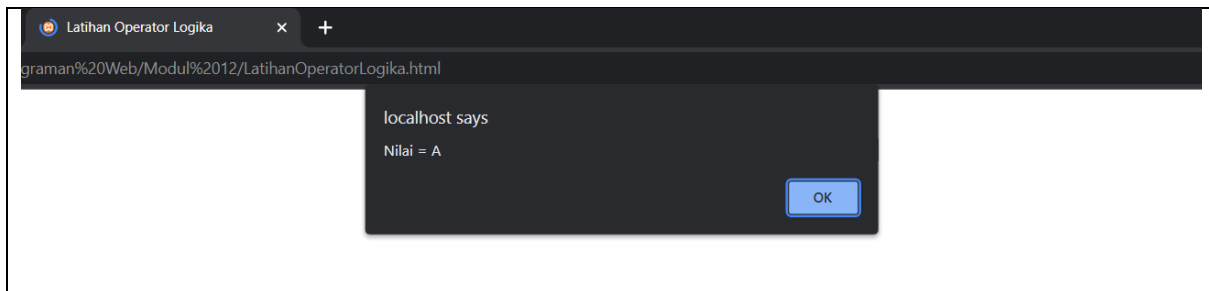
   b. Screenshot

6. Latihan Statement
a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Statement</title>
    </head>
    <body>
        <h1>Latihan Statement Javascript</h1>
        <script>
            var umur = 35;
            if(umur >= 60){
                alert("Anda seorang lansia");
            } else if(umur >= 20 && umur < 60) {
                alert("Anda seorang dewasa");
            } else if(umur >= 12 && umur < 20) {
                alert("Anda seorang remaja");
            } else {
                alert("Anda seorang anak-anak");
            }
        </script>
    </body>
</html>
```
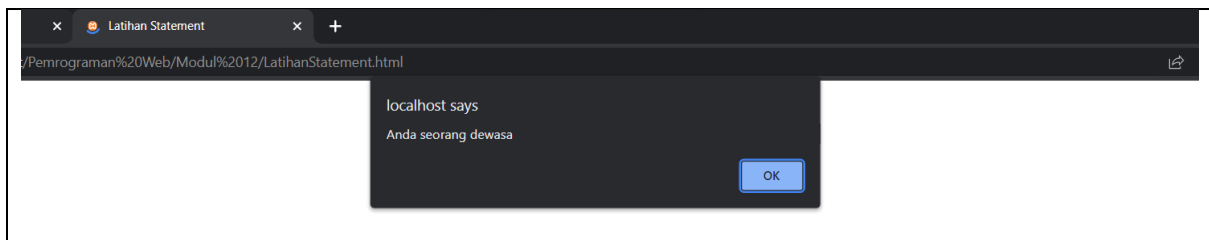
b. Screenshot

7. Latihan Looping
a. Kode Program

```
 1     <!DOCTYPE html>
 2   v <html lang="en">
 3   v     <head>
 4             <title>Latihan Looping</title>
 5         </head>
 6   v     <body>
 7             <h1>Latihan Looping Javascript</h1>
 8   v         <script>
 9                 var x = 1;
10   v             for(var i = 0; i < 100; i++){
11                     x++;
12                 }
13                 alert(x);
14             </script>
15         </body>
16     </html>
```

b. Screenshot

```
×    Latihan Looping    ×    +

localhost/Pemrograman%20Web/Modul%2012/LatihanLooping.html

                    localhost says
                    101

                                              OK
```

8. Latihan Even Handling

a. Kode Program

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Event Handler</title>
    </head>
    <body>
        <h1>Latihan Event Hanlder Javascript</h1>
        <script>
            function inform(){
                alert("Lanjutkan step berikutnya!")
            }
        </script>
        <form>
            <input type="button" name="test" value="Click" onclick="inform()">
        </form>
    </body>
</html>
```

b. Screenshot

```
Modul 12    ×    Latihan Event Handler    ×    +

←  →  C  ⓘ  localhost/Pemrograman%20Web/Modul%2012/LatihanEventHandler.html

Latihan Event Hanlder Javascript          localhost says

                                          Lanjutkan step berikutnya!
  Click

                                                                    OK
```

9. Latihan Onclick Radio Button

a. Kode Program

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Onclick Radio Button</title>
    </head>
    <body>
        <h1>Latihan Onclick Radio Button Javascript</h1>
        <form name="go">
            <input type="radio" name="C1" onclick="document.bgColor='lightblue'">
            <input type="radio" name="C1" onclick="document.bgColor='lightyellow'">
            <input type="radio" name="C1" onclick="document.bgColor='lightgreen'">
        </form>
    </body>
</html>
```
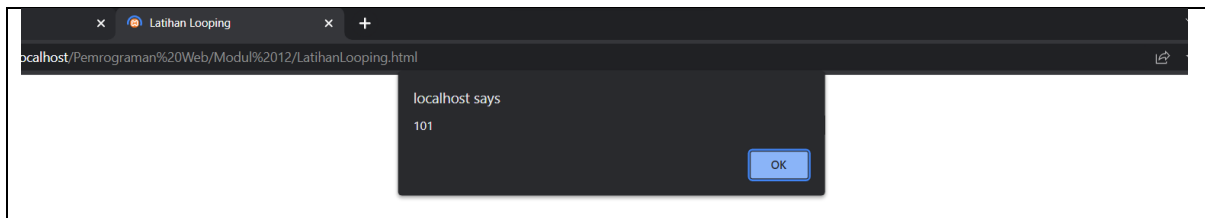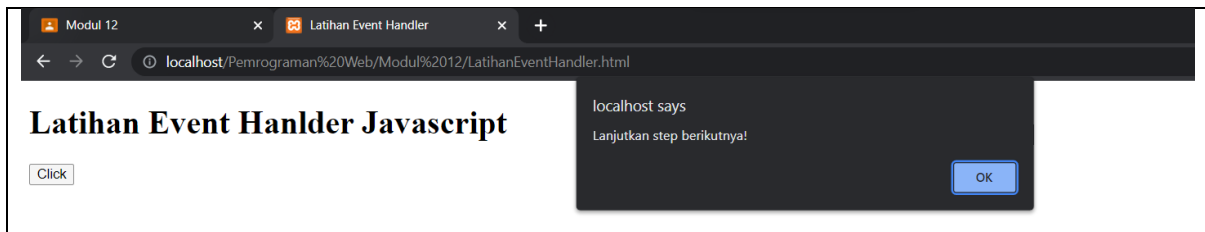
b. Screenshot

Latihan Onclick Radio Button Javascript

◉ ○ ○

10. Latihan Format Teks
    a. Kode Program

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Format Teks</title>
    </head>
    <body>
        <h1>Latihan Format Teks Javascript</h1>
        <script>
            var message="Welcome to my site"
            document.write(message.toUpperCase().bold())
        </script>
    </body>
</html>
```

b. Screenshot

Latihan Format Teks Javascript

WELCOME TO MY SITE

11. Latihan Validasi Email
    a. Kode Program

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Validasi Email</title>
    </head>
    <body>
        <h1>Latihan Validasi Email Javascript</h1>
        <form name="test" onSubmit="checkemail(this.test2.value);return false">
            <input type="text" size=20 name="test2"> <input type="submit" value="Submit">
        </form>
        <script type="text/javascript">
            function checkemail(email){
                if (email.indexOf("@")!=-1 && email.indexOf(".")!=-1)
                    alert("Apakah Alamat Email Sudah Benar?")
                else
                    alert("Penulisan Email Salah!")
            }
        </script>
    </body>
</html>
```

b. Screenshot

12. Latihan Buka Window

a. Kode Program

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Buka Window</title>
    </head>
    <body>
        <h1>Latihan Buka Window Javascript</h1>
        <script>
            function bukawindow(){
                window.open("http://www.google.com","google","width=400,height=300,toolbar=1");
            }
        </script>
        <input type="button" onclick="bukawindow()" value="Open">
    </body>
</html>
```

b. Screenshot

13. Latihan Alert & Confirm
a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Alert Confirm</title>
    </head>
    <body>
        <h1>Latihan Alert Confirm Javascript</h1>
        <script type="text/javascript">
            var x = window.confirm("Are You Sure?")
            if (x)
                window.alert("Go to next Job")
            else
                window.alert("Repeat again until you can solve it")
        </script>
    </body>
</html>
```
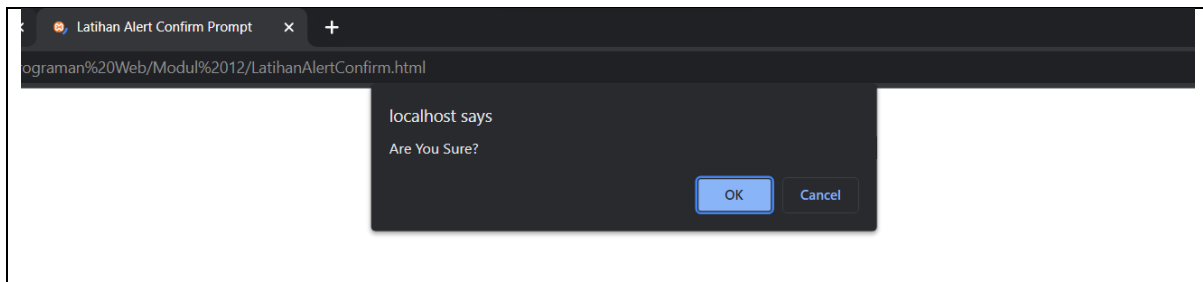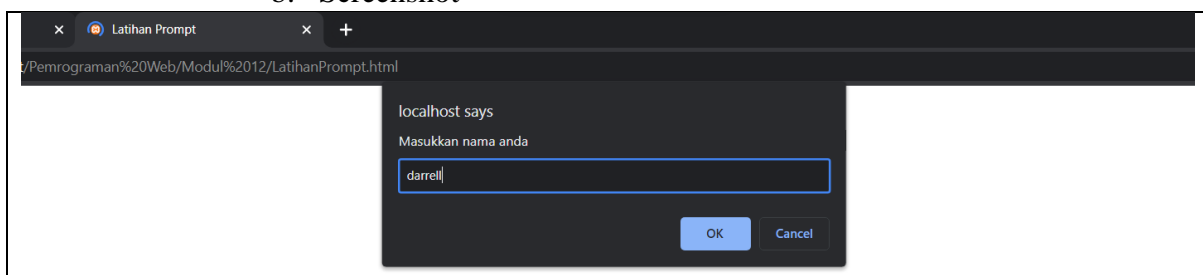
b. Screenshot

14. Latihan Prompt
a. Kode Program

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Latihan Prompt</title>
    </head>
    <body>
        <h1>Latihan Prompt Javascript</h1>
        <script type="text/javascript">
            var y = window.prompt("Masukkan nama anda")
            window.alert(y)
        </script>
    </body>
</html>
```
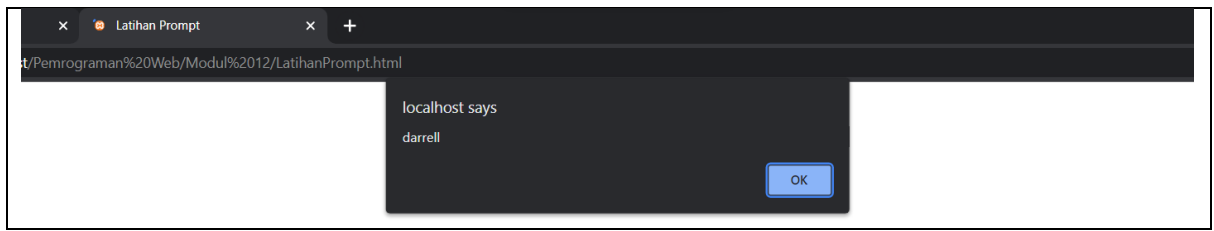
b. Screenshot

Latihan Prompt

localhost says

darrell

OK

C. Studi kasus

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Studi Kasus</title>
    </head>
    <body>
        <h1>HOME SCREEN</h1>
        <h3>Hai, Ini adalah home screen</h3>
        <button><a href="." onclick="return confirm('Apakah anda yakin Untuk logout?')">LOGOUT</a></button>
    </body>
</html>
```
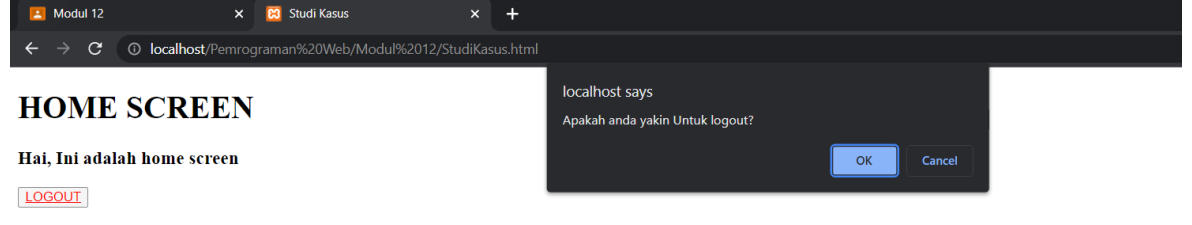
Modul 12 ✕ | Studi Kasus ✕ | +

← → C | ⓘ localhost/Pemrograman%20Web/Modul%2012/StudiKasus.html

HOME SCREEN

Hai, Ini adalah home screen

LOGOUT

localhost says

Apakah anda yakin Untuk logout?

OK   Cancel