

LAPORAN PRAKTIKUM PEMROGRAMAN WEB

JavaScript Lanjutan - Week 3



Disusun oleh:

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Kelas : C

PROGRAM STUDI INFORMATIKA

FAKULTAS TEKNOLOGI INFORMASI DAN SAINS DATA

UNIVERSITAS SEBELAS MARET

2024

1. Source code

a. Index.html

```
<!DOCTYPE html>
<html lang="en" class="scroll-smooth">
</html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<title>Ryan Fikri</title>
<link href="css/style.css" rel="stylesheet">
</head>
<body class="m-0 p-0">
<header class="inline">
<nav class="py-4 pl-20 top-0 sticky bg-gray-800">
<ul class="flex flex-row">
<li><a class="py-4 px-8 top-0 bg-transparent text-white font-semibold duration-300 hover:bg-blue-400 hover:duration-300 href="#home">Home</a></li>
<li><a class="py-4 px-8 top-0 bg-transparent text-white font-semibold duration-300 hover:bg-blue-400 hover:duration-300 href="#projects">Projects</a></li>
<li><a class="py-4 px-8 top-0 bg-transparent text-white font-semibold duration-300 hover:bg-blue-400 hover:duration-300 href="#memes">Memes</a></li>
<li><a class="py-4 px-8 top-0 bg-transparent text-white font-semibold duration-300 hover:bg-blue-400 hover:duration-300 href="#about">About</a></li>
</ul>
</nav>
</header>
<main class="bg-slate-800">
<article id="home" class="p-20">
<div class="py-36">
<h1 class="text-8xl font-bold text-white pt-5 pb-0">Hi, I'm Ryan Fikri</h1>
<p class="text-8xl font-bold my-6 text-white">Professional Googler
</p>
<a class="my-20 p-3 bg-blue-400 border-blue-400 border-2 rounded duration-300 hover:bg-transparent hover:text-white hover:duration-200" href="#">SEE MORE</a>
</div>
</article>
<article id="projects" class="p-20">
<h1 class="py-5 text-4xl font-bold text-white">Projects</h1>
<p class="text-white text-lg">Here are some of my projects</p>
<ul class="flex flex-col grow border-blue-400 border-2 rounded duration-300 hover:bg-transparent hover:text-white hover:duration-200 place-self-center" href="#">SEE MORE</a>
</ul>
</article>
<article id="memes" class="p-20">
<h1 class="py-5 text-4xl font-bold text-white">Memes</h1>
<p class="text-white text-lg">Here are some memes made by my friends</p>
<div class="grid grid-cols-4 gap-y-20 gap-x-5 bg-slate-800 p-10 m-10 rounded">








</div>
</article>
<article id="about" class="flex flex-col p-20">
<h1 class="py-5 text-4xl font-bold text-white">About me</h1>
<div class="flex flex-row">
<div class="flex flex-col justify-evenly mr-24">
<p class="text-white text-lg">My name is Muhammad Ryan Fikri Fakhrezi, I am currently a computer science undergraduate at the Sebelas Maret University. I started college in 2022 after graduating from Muhammadiyah Boarding School Yogyakarta in the same year.
<p class="text-white text-lg">I started my programming adventure around 2019-2020 during the COVID-19 pandemic. The first language I learned was Python. That's when I started to love programming. I am currently learning C, C++, JavaScript, and Java.
<p class="text-white text-lg">For now, I'm still looking into which field I want to work in. But for now I am quite interested in software development, game development and web development. I hope that in the future I can create a work that can benefit the community.
</div>

</div>
</article>
<article id="contactMe" class="p-20">
<h1 class="py-5 text-4xl font-bold text-white">Contact me</h1>
<form>
<table class="w-3/4">
<tr>
<td><label form="inputEmail" class="text-white">Name</label></td>
<td><input type="text" id="inputEmail" name="name" placeholder="Kimi No Namaewa" required class="text-white"/>
</td>
</tr>
<tr>
<td><label form="inputEmail" class="text-white">Email</label></td>
<td><input type="email" id="inputEmail" name="inputEmail" placeholder="Kimi No Emailwa" class="text-white required"/>
</td>
</tr>
<tr>
<td colspan="2"><label form="inputMsg" class="text-white">Message</label></td>
</tr>
<tr>
<td colspan="2"><label form="inputMsg" class="text-white">Character remains: <span id="sisakarakter"></span>
</td>
</tr>
<tr>
<td colspan="2"><input type="submit" id="submit" value="SEND" class="my-6 p-3 bg-blue-400 border-blue-400 border-2 rounded duration-300 hover:bg-transparent hover:"
</td>
</tr>
</table>
</form>
</article>
```

```

122 <aside class="fixed top-1/2 right-0 -translate-y-1/2">
123   <ul class="p-0 bg-blue-400 flex flex-col rounded">
124     <li class="p-1 list-none w-12 h-12"><a href="https://www.facebook.com/ryan.fikri.129/">
125       </a></li>
126     <li class="p-1 list-none w-12 h-12">
127       <a href="https://www.linkedin.com/in/muhammad-ryan-fikri-fakhrezi-750584250/">
128         </a></li>
129     <li class="p-1 list-none w-12 h-12">
130       <a href="https://www.instagram.com/12yan.fikri_/">
131         </a></li>
132     <li class="p-1 list-none w-12 h-12">
133       <a href="https://wa.me/6287734341945">
134         </a></li>
135   </ul>
136 </aside>
137 </main>
138
139 <footer class="bg-gray-800 text-center p-10">
140   <p class="text-white">Made with ❤ by Muhammad Ryan Fikri Fakhrezi with L0122114 as the NIM</p>
141 </footer>
142
143 <script src="script/jquery-3.7.1.min.js"></script>
144 <script src="script/script.js"></script>
145 </body>
146
147 </html>

```

b. Script.js

```

1 $(document).ready(function() {
2   const $inputMsg = $('#inputMsg');
3   const inputMaxLengthOnLoad = $inputMsg.attr('maxlength');
4   $('#sisakarakter').text(inputMaxLengthOnLoad);
5
6   $inputMsg.on('input', function() {
7     const jumlahKarakterDiketik = $inputMsg.val().length;
8     const jumlahKarakterMaksimal = $inputMsg.attr('maxlength');
9
10    const sisakarakterUpdate = jumlahKarakterMaksimal - jumlahKarakterDiketik;
11    $('#sisakarakter').text(sisakarakterUpdate.toString());
12
13    if (sisakarakterUpdate === 0) {
14      $('#sisakarakter').text('Batas maksimal tercapai');
15    } else if (sisakarakterUpdate <= 5) {
16      $('#notifikasiSisakarakter').css('color', 'red');
17    } else {
18      $('#notifikasiSisakarakter').css('color', 'white');
19    }
20  });
21
22   $inputMsg.on('focus', function() {
23     $('#notifikasiSisakarakter').css('visibility', 'visible');
24  });
25
26   $inputMsg.on('blur', function() {
27     $('#notifikasiSisakarakter').css('visibility', 'hidden');
28  });
29
30   $.ajax({
31     url: './data/projects.xml',
32     type: 'GET',
33     dataType: 'xml',
34     success: function(xmlDoc) {
35       const $items = $(xmlDoc).find('project');
36       const $dataContainer = $('#projectList');
37
38       $items.each(function(index, item) {
39         const $item = $(item);
40
41         const $projectContainer = $('<li>', {
42           class: 'flex flex-row grow mx-10 my-5 bg-slate-800 p-10 rounded'
43         });
44
45         const $info = $('<div>', { class: 'flex flex-col grow' });
46
47         const $projectName = $('<h3>', {
48           class: 'text-white font-bold text-lg',
49           text: $item.find('projectName').text(),
50         });
51         $info.append($projectName);
52
53         const $projectDesc = $('<p>', {
54           class: 'text-white grow text-lg',
55           text: $item.find('projectDesc').text()
56         });
57         $info.append($projectDesc);
58
59         const $projectLink = $('<a>', {
60           href: $item.find('projectLink').text(),
61           text: 'SEE IN GITHUB',
62           class: 'my-6 p-3 w-max bg-blue-400 border-blue-400 border-2 rounded duration-300 hover:bg-transparent hover:text-white hover:duration-200'
63         });
64         $info.append($projectLink);
65
66         const $projectPict = $('<img>', {
67           src: $item.find('projectPict').text(),
68           alt: $projectName.text(),
69           class: 'w-2/6 object-contain hover:duration-300 duration-300 hover:scale-110'
70         });
71
72         $projectContainer.append($info, $projectPict);
73         $dataContainer.append($projectContainer);
74       });
75     },
76     error: function() {
77       console.error('Failed to load XML file');
78     }
79   });
80 });

```

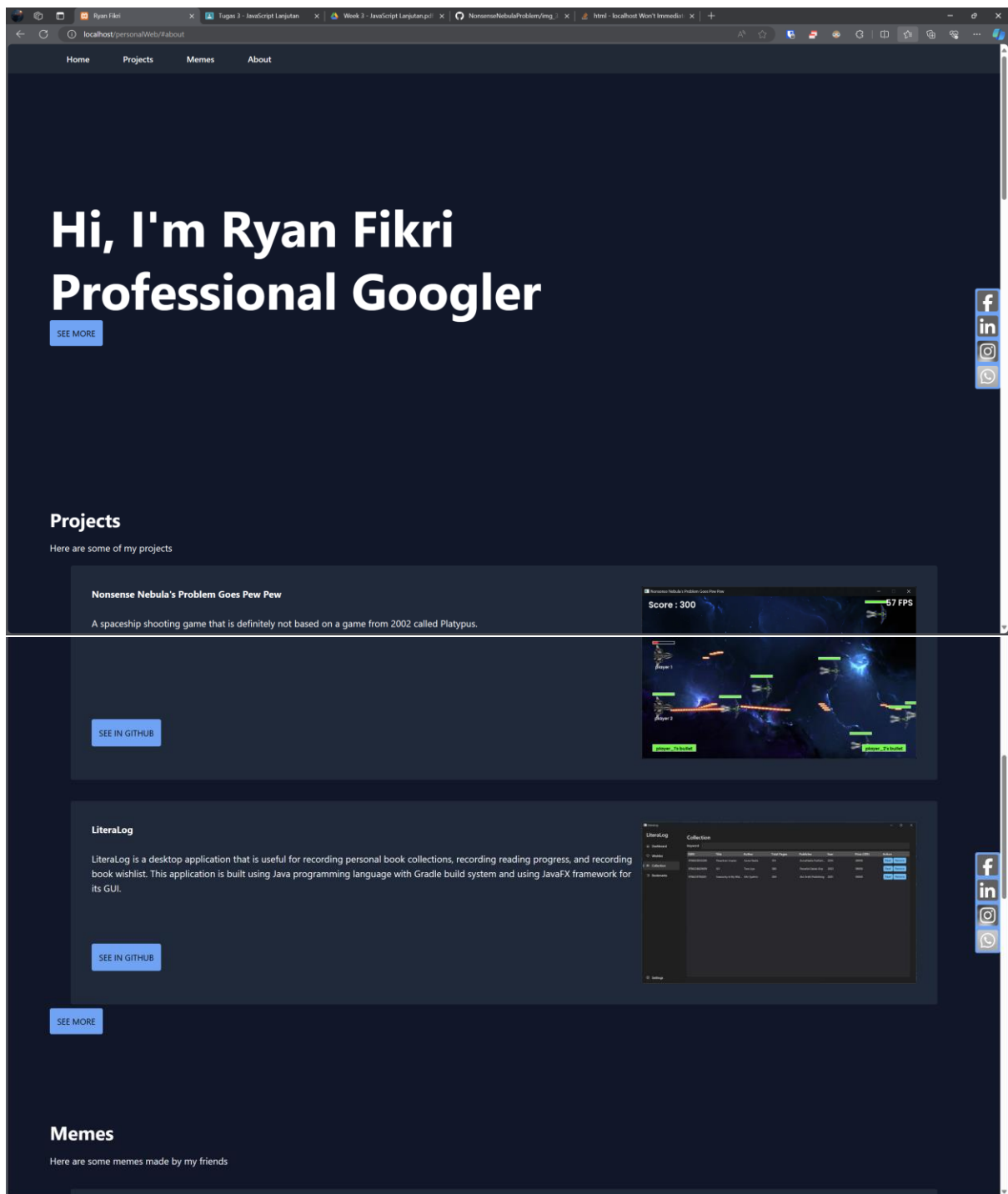
c. Projects.xml

```

1 <projects>
2   <project>
3     <projectName>Nonsense Nebula's Problem Goes Pew Pew</projectName>
4     <projectDesc>
5       A spaceship shooting game that is definitely not based on a game from 2002 called Platypus.
6     </projectDesc>
7     <projectPict>https://raw.githubusercontent.com/Yanfiq/NonsenseNebulaProblem/07139dd3525c968ce48c86af361bf7act5b0f5a7/img_3.webp</projectPict>
8     <projectLink>https://github.com/Yanfiq/NonsenseNebulaProblem</projectLink>
9   </project>
10   <project>
11     <projectName>Literalog</projectName>
12     <projectDesc>
13       Literalog is a desktop application that is useful for recording personal book collections, recording reading progress, and recording book wishlist. This application is built using 3s
14     </projectDesc>
15     <projectPict>https://raw.githubusercontent.com/Yanfiq/Literalog/4cdfa852f45a026ca27f202eafd3f59a9ef78fd6/img_2.png</projectPict>
16     <projectLink>https://github.com/Yanfiq/Literalog</projectLink>
17   </project>
18 </projects>

```

d. Hasil website



BELIAU INI

TERLIHAT KURANG PIKNIK

KALO GA SALAH

BENER

DIDIEMIN

MALAH DIEM

DIKASIH TAHU

MINTA TEMPE

DIPIKIR PIKIR

MALAH KEPIKIRAN

BELIAU INI

SANGAT AWIKWOK

DIKASIH COBAAN

MALAH DICOBAIN

KALO GA SALAH

BENER

f

in

About me

My name is Muhammad Ryan Fikri Fakhrezi. I am currently a computer science undergraduate at the Sebelas Maret University. I started college in 2022 after graduating from Muhammadiyah Boarding School Yogyakarta in the same year.

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For now, I'm still looking into which field I want to work in. But for now I am quite interested in software development, game development and web development. I hope that in the future I can create a work that can benefit the community.

f

in

Contact me

Name

Kimi No Namaewa

Email

Kimi No Emailwa

Message

Character remains: 100

SEND

Made with by Muhammad Ryan Fikri Fakhrezi with L0122114 as the NIM

Penjelasan

Data pada article project ditaruh pada file xml di server yang mana akan diakses menggunakan AJAX, kemudian data akan dikonstruksi menjadi berbagai elemen HTML yang nantinya akan ditaruh didalam article project.