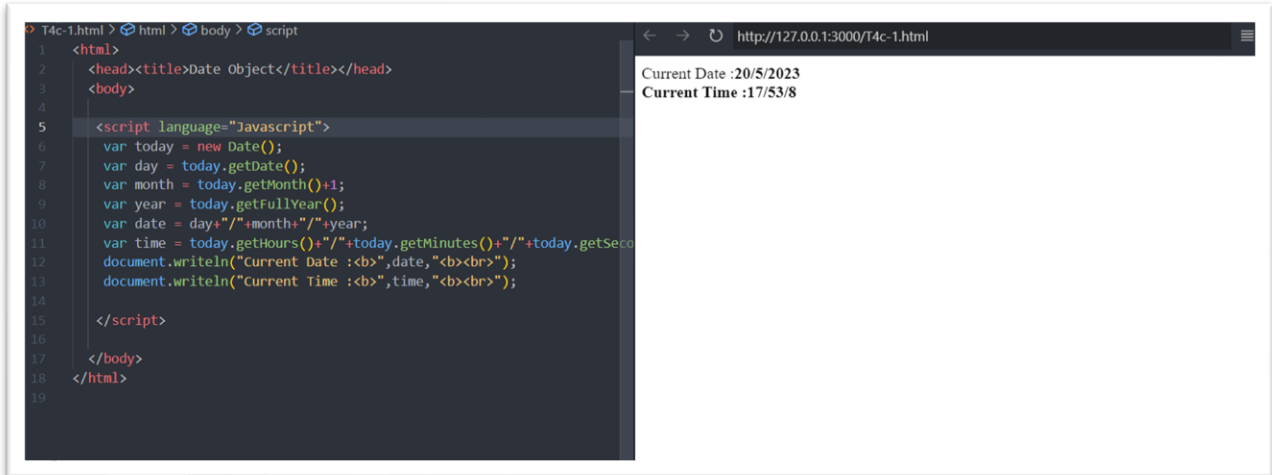


AFIQ FAHMI BIN ROSLAN

A21EC0153

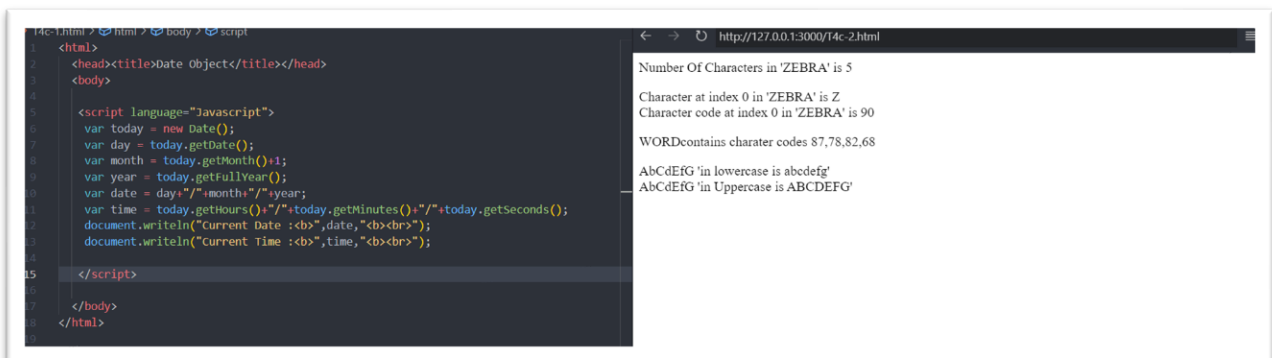
## 1. T4c-1 : Date Object



The screenshot shows a web browser window with the URL `http://127.0.0.1:3000/T4c-1.html`. The browser displays the output of a JavaScript script: `Current Date :20/5/2023` and `Current Time :17/53/8`. The script, visible in the developer console, uses the `Date` object to get the current date and time, formats them, and writes them to the document.

```
1 <html>
2 <head><title>Date Object</title></head>
3 <body>
4
5 <script language="JavaScript">
6   var today = new Date();
7   var day = today.getDate();
8   var month = today.getMonth()+1;
9   var year = today.getFullYear();
10  var date = day+"/"+month+"/"+year;
11  var time = today.getHours()+":"+today.getMinutes()+":"+today.getSeconds();
12  document.writeln("Current Date :<b>",date,"<b><br>");
13  document.writeln("Current Time :<b>",time,"<b><br>");
14
15 </script>
16
17 </body>
18 </html>
```

## 2. T4c-2:String Object



The screenshot shows a web browser window with the URL `http://127.0.0.1:3000/T4c-2.html`. The browser displays the output of a JavaScript script: `Number Of Characters in 'ZEBRA' is 5`, `Character at index 0 in 'ZEBRA' is Z`, `Character code at index 0 in 'ZEBRA' is 90`, `WORD contains character codes 87,78,82,68`, `AbCdEfG 'in lowercase is abcdefg'`, and `AbCdEfG 'in Uppercase is ABCDEFG'`. The script, visible in the developer console, uses the `String` object to perform these operations and writes the results to the document.

```
1 <html>
2 <head><title>Date Object</title></head>
3 <body>
4
5 <script language="JavaScript">
6   var today = new Date();
7   var day = today.getDate();
8   var month = today.getMonth()+1;
9   var year = today.getFullYear();
10  var date = day+"/"+month+"/"+year;
11  var time = today.getHours()+":"+today.getMinutes()+":"+today.getSeconds();
12  document.writeln("Current Date :<b>",date,"<b><br>");
13  document.writeln("Current Time :<b>",time,"<b><br>");
14
15 </script>
16
17 </body>
18 </html>
```

### 3. T4c-3 : Math Object

This page says

Enter First Number

OK Cancel

This page says

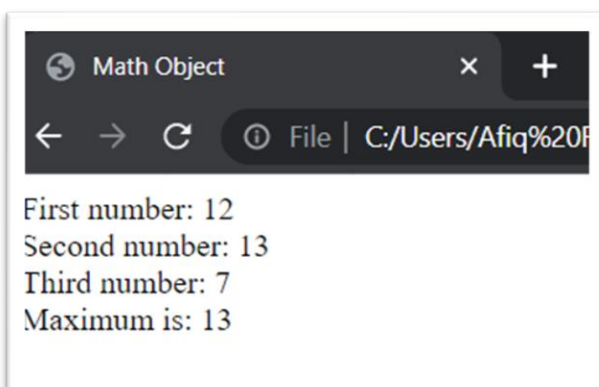
Enter Second Number

OK Cancel

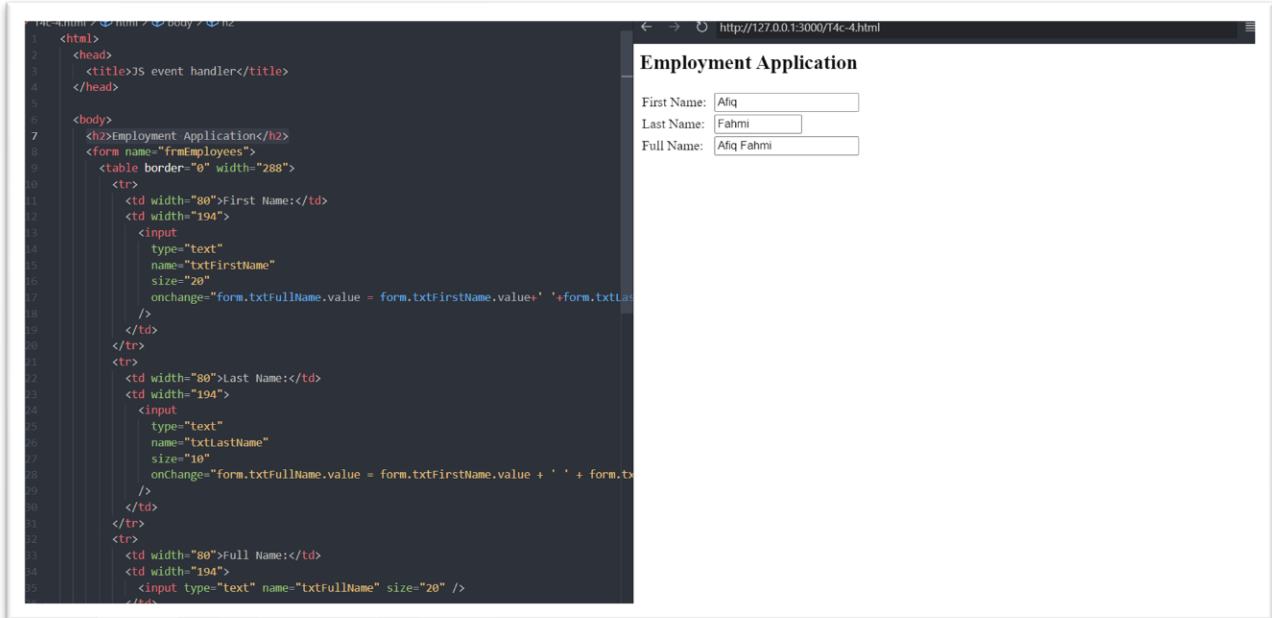
This page says

Enter Third Number

OK Cancel



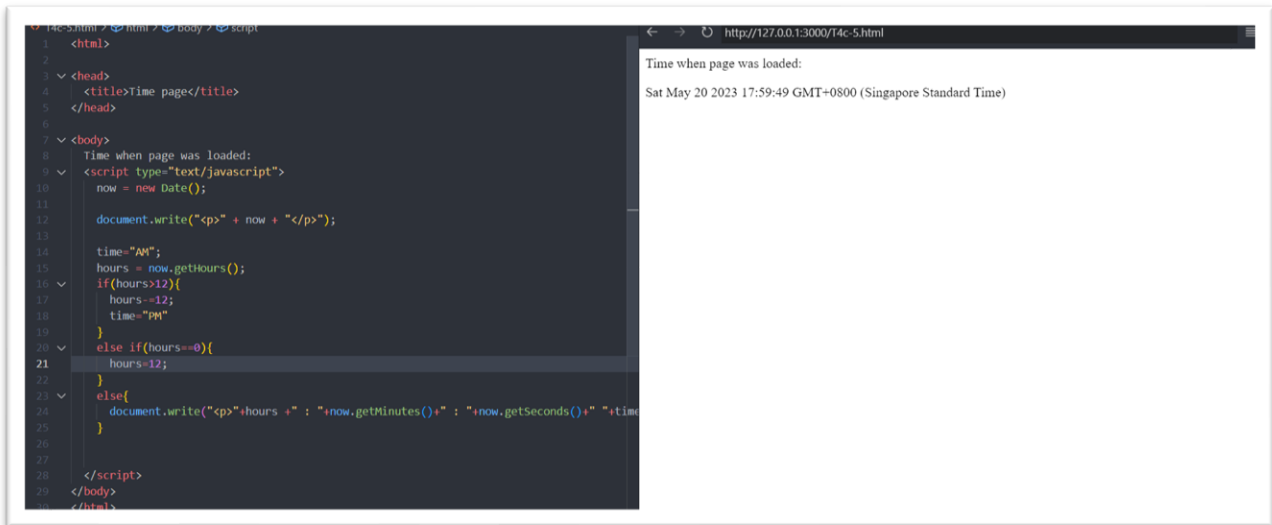
#### 4. T4c-4 : Event Handler



The screenshot displays a web browser window with the URL `http://127.0.0.1:3000/T4c-4.html`. The page title is "Employment Application". The form contains three input fields: "First Name" (value: Afq), "Last Name" (value: Fahmi), and "Full Name" (value: Afq Fahmi). The "Full Name" field is populated based on the values of the other two fields. The browser's developer tools show the HTML code for the form, which includes an `onchange` event handler for the "Full Name" field that concatenates the values of the "First Name" and "Last Name" fields.

```
<html>
<head>
<title>JS event handler</title>
</head>
<body>
<h2>Employment Application</h2>
<form name="frmEmployees">
<table border="0" width="288">
<tr>
<td width="80">First Name:</td>
<td width="194">
<input
type="text"
name="txtFirstName"
size="20"
onchange="form.txtFullName.value = form.txtFirstName.value + ' ' + form.txtLast
/>
</td>
</tr>
<tr>
<td width="80">Last Name:</td>
<td width="194">
<input
type="text"
name="txtLastName"
size="10"
onchange="form.txtFullName.value = form.txtFirstName.value + ' ' + form.tx
/>
</td>
</tr>
<tr>
<td width="80">Full Name:</td>
<td width="194">
<input type="text" name="txtFullName" size="20" />
</td>
</tr>
</table>
</form>
</body>
</html>
```

#### 5. T4c-5: Date Time Load Page



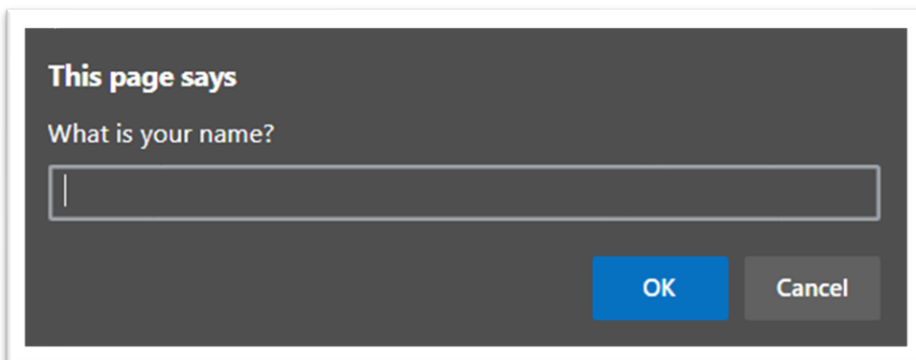
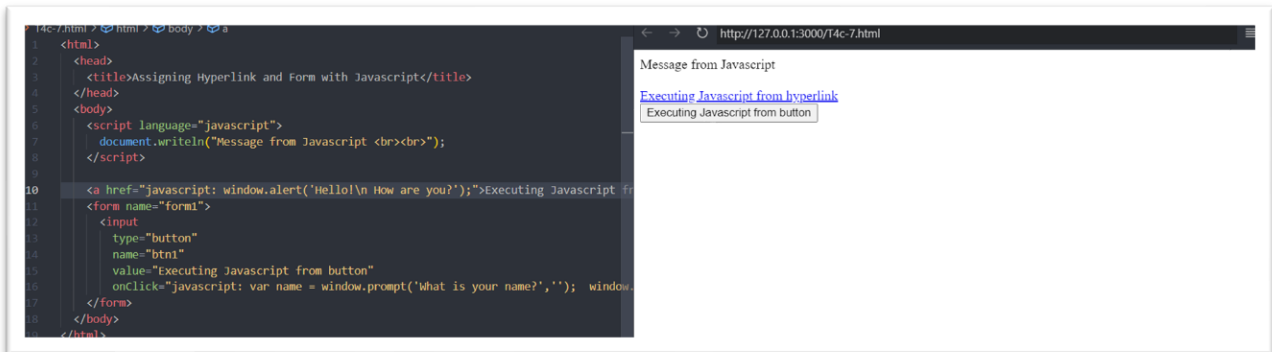
The screenshot displays a web browser window with the URL `http://127.0.0.1:3000/T4c-5.html`. The page title is "Time page". The page content shows the time when the page was loaded: "Sat May 20 2023 17:59:49 GMT+0800 (Singapore Standard Time)". The browser's developer tools show the JavaScript code that sets the page title and writes the current date and time to the page.

```
<html>
<head>
<title>Time page</title>
</head>
<body>
Time when page was loaded:
<script type="text/javascript">
now = new Date();
document.write("<p>" + now + "</p>");
time="AM";
hours = now.getHours();
if(hours>12){
hours-=12;
time="PM"
}
else if(hours==0){
hours=12;
}
else{
document.write("<p>"+hours + " : "+now.getMinutes()+ " : "+now.getSeconds()+ " "+time
}
</script>
</body>
</html>
```

## 6. T4c-6 : DOM



## 7. T4c-7 Assigning Hyperlink and Form





## 8. T4c-8

**This page says**  
Enter Your Name  
  

OK Cancel

**This page says**  
Enter Year Of Birth  
  

OK Cancel

**This page says**  
Enter Your Hometown  
  

OK Cancel

```
1 <html>
2 <head>
3   <title>Do it Yourself</title>
4 </head>
5 <body>
6   <script type="text/javascript">
7     var name, yob, hometown;
8
9
10    name = window.prompt("Enter Your Name");
11    yob = window.prompt("Enter Year Of Birth");
12    hometown = window.prompt("Enter Your Hometown");
13
14    yob = 2023-parseInt(yob);
15
16    document.writeln("<h2>My Profiles :</h2>");
17    document.writeln(
18      "My Name Is " +
19        name +
20        "<br/> I am "+yob+" Years Old "
21        +
22        "<br/> I am from " +
23        hometown
24      );
25    </script>
26 </body>
27 </html>
```

← → ↺ http://127.0.0.1:3000/T4c-8.html

### My Profiles :

My Name Is null  
I am NaN Years Old  
I am from null

