



FIT2095 e-Business software technologies S2 2019

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Started on	Friday, 23 August 2019, 10:34 AM
State	Finished
Completed on	Friday, 23 August 2019, 10:51 AM
Time taken	16 mins 12 secs
Grade	9.00 out of 10.00 (90%)

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Question 1

Correct

Mark 1.00 out of 1.00

To have a templates application-wide variable in Express.js, I have to:

Select one:

☐

a. declare the variable using **let**

☐

b. declare the variable in a package and expose it using module.exports

☒

c. app.set() and provide a pair of key and value ✓

☐

d. declare the variable using **var**

Your answer is correct.

The correct answer is: app.set() and provide a pair of key and value

Question 2

Incorrect

Mark 0.00 out of 1.00

Which option is false for the following code?

```
app.get('/',function(rqe, res){
    res.sendFile(__dirname +'/index.html');
});
```

Select one:

☒

a. The express statement is capable to receive POST request data in req.body property ✗

☐

b. the callback will be invoked when the pathname = "/"

☐

c. By using __dirname, the path of "index.html" is relative to the project's folder

☐

d. No error will be thrown if we remove __dirname

☐

e. Select this option if you believe more than one option is false

Your answer is incorrect.

The correct answer is: Select this option if you believe more than one option is false

Question **3**

Correct

Mark 1.00 out of 1.00

Assume you have this fragment of code:

```
app.post('/data', function (req, res) {  
  console.log(req.body.username);  
  console.log(req.body.userage);  
  res.send('Thank You')  
})
```

Which option is True?

Select one:

- ☒ a. The properties of req.body object are generated using body-parser middleware ✓
- ☐ b. The properties of req.body object are automatically generated by Express (No need to install middleware)
- ☐ c. The properties of req.body object are automatically generated by Node.js (No need to install middleware)
- ☐ d. The properties of req.body object are generated using morgan middleware

Your answer is correct.

The correct answer is: The properties of req.body object are generated using body-parser middleware

Question **4**

Correct

Mark 1.00 out of 1.00

```
const morgan = require('morgan');
```

morgan is?

Select one:

- ☐ a. a package for parsing incoming HTTP requests
- ☒ b. HTTP request logger middleware ✓
- ☐ c. HTTP logger middleware for GET requests only
- ☐ d. a Node.js package for managing static assets
- ☐ e. None of the above

Your answer is correct.

The correct answer is: HTTP request logger middleware

Question **5**

Correct

Mark 1.00 out of 1.00

```
app.get('/', function (req, res) {  
  let randomId = Math.round(Math.random() * 100);  
  res.render('index.html', { username: "admin",id: randomId});  
});
```

When does the callback function execute?

Select one:

- ☐ a. when the server invokes app.get() method
- ☐ b. when the user sends a POST request
- ☒ c. when the user navigates to http://localhost:8080 ✓
- ☐ d. when the user navigates to http://localhost:8080/function
- ☐ e. if the pathname has '/' character after a none empty pathname

Your answer is correct.

The correct answer is: when the user navigates to http://localhost:8080

Question **6**

Correct

Mark 1.00 out of 1.00

Which of the following is true for the following code?

```
res.render('index.html', { username: "admin",id: randomId});
```

Select one:

- ☐ a. res.render sends the object '{ username: "admin",id: randomId}' to the client
- ☒ b. res.render sends to the client the rendered HTML of index.html after applying the object '{ username: "admin",id: randomId}' to it ✓
- ☐ c. res.render method sends the static content of index.html to the client
- ☐ d. res.render generates a new local HTML file using the object '{ username: "admin",id: randomId}'

Your answer is correct.

The correct answer is: res.render sends to the client the rendered HTML of index.html after applying the object '{ username: "admin",id: randomId}' to it

Question **7**

Correct

Mark 1.00 out of 1.00

The following statement has a syntax error:

```
<h1> Welcome <% username%> </h1>
```

Which option is correct?

Select one:

- ☐ a.

```
<h1> Welcome <%= username=%> </h1>
```
- ☐ b.

```
<h1> Welcome <= username %> </h1>
```
- ☒ c.

```
<h1> Welcome <%= username%> </h1>
```

✓
- ☐ d.

```
<h1> Welcome <%= username/> </h1>
```

Your answer is correct.

The correct answer is:

```
<h1> Welcome <%= username%> </h1>
```

Question **8**

Correct

Mark 1.00 out of 1.00

The default location of the HTML files for EJS view engine is:

NOTE: [root] is the root directory of the project

Select one:

- ☐ a. [root]
- ☐ b. [root]/html/views
- ☒ c. [root]/views ✓
- ☐ d. [root]/ejs

Your answer is correct.

The correct answer is: [root]/views

Question 9

Correct

Mark 1.00 out of 1.00

For express to publicly serve static images files in a directory named '**images**', I have to use:

Select one:

- ☐ a. `app.use(app.static('public'))`
- ☐ b. `express.static('images')`
- ☐ c. `app.use('images')`
- ☐ d. `app.use(express.static('public'))`
- ☒ e. `app.use(express.static('images'))` ✓

Your answer is correct.

The correct answer is: `app.use(express.static('images'))`

Question 10

Correct

Mark 1.00 out of 1.00

The following fragment of code has a syntax error:

```
<h3>list of items:
  <ul>
    <% for ( var i =0; i< ar.length;i++){ %>
      <li>
        <%= ar[i].item%>
      </li>
    </ul>
    <% }%>
</h3>
```

The correct option is:

Select one:

☐ a.

```
<h3>list of items:
  <ul>
    <% for ( var i =0; i< ar.length;i++){
      <li>
        <%= ar[i].item%>
      </li>
    <% }%>
  </ul>
</h3>
```

☒ b.

```
<h3>list of items:
  <ul>
    <% for ( var i =0; i< ar.length;i++){ %>
      <li>
        <%= ar[i].item%>
      </li>
    <% }%>
  </ul>
</h3>
```



☐ c.

```
<h3>list of items:
  <ul>
    <%= for ( var i =0; i< ar.length;i++){ %>
      <li>
        <%= ar[i].item%>
      </li>
    <% }%>
  </ul>
</h3>
```

☐ d.

```
<h3>list of items:
  <ul>
    <% for ( var i =0; i< ar.length;i++){ %>
      <li>
        <% ar[i].item%>
      </li>
    <% }%>
  </ul>
</h3>
```

Your answer is correct.

The correct answer is:

```
<h3>list of items:
  <ul>
    <% for ( var i =0; i< ar.length;i++){ %>
      <li>
        <%= ar[i].item%>
      </li>
    <% }%>
  </ul>
</h3>
```

◀ Week 4: Workshop Quiz

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Lab week 4 ▶