MONASH University

FIT2095 e-Business software technologies - S2 2021

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Time taken	8 mins 4 secs
Grade	**10.00** out of 10.00 (**100**%)

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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 in a package and expose it using module.exports

○ b.   declare the variable using **let**

○ c.   declare the variable using **var**

◉ d.   app.set() and provide a pair of key and value   ✔

Your answer is correct.

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

Question **2**

Correct

Mark 1.00 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 correct.

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 generated using morgan middleware

○ c.   The properties of req.body object are automatically generated by Express (No need to install middleware)

○ d.   The properties of req.body object are automatically generated by Node.js (No need to install 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

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

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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 generates a new local HTML file using the object '{ username: "admin",id: randomId}'
- ○ c.   res.render method sends the static content of index.html to the client
- ◉ d.   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:

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('images')
- ◉ b. app.use(express.static('images')) ✔
- ○ c. app.use(app.static('public'))
- ○ d. app.use(express.static('public'))
- ○ e. 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>
```

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

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