



FIT2095 e-Business software technologies S2 2019

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Started on	Wednesday, 16 October 2019, 7:58 PM
State	Finished
Completed on	Wednesday, 16 October 2019, 8:02 PM
Time taken	4 mins 19 secs
Grade	10.00 out of 10.00 (100%)

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Question 1

Correct

Mark 1.00 out of 1.00

What datatype can Socket.io emit?

Select one:

☐

a. objects

☒

b. Any serializable data structures can be emitted. ✓

☐

c. strings

☐

d. number

Your answer is correct.

The correct answer is: Any serializable data structures can be emitted.

Question 2

Correct

Mark 1.00 out of 1.00

Socket.io uses heartbeat mechanism to:

Select one:

☐

a. Messages delivery detection

☐

b. New connection detection

☒

c. Disconnection detection ✓

☐

d. Network delay detection

Your answer is correct.

The correct answer is: Disconnection detection

Question **3**

Correct

Mark 1.00 out of 1.00

Socket.io is attached to an instance of ----

Select one:

- ☐ a. express app
- ☐ b. http object
- ☐ c. http.socket
- ☒ d. http.server ✓

Your answer is correct.

The correct answer is: http.server

Question **4**

Correct

Mark 1.00 out of 1.00

```
io.on("connection",function(socket){  
  //Your code  
})
```

With respect to the code above which is excerpted from the server side, the input parameter **socket** represents:

Select one:

- ☐ a. a common endpoint socket to all the connections
- ☐ b. response object
- ☒ c. a socket to a new client ✓
- ☐ d. the server's socket

Your answer is correct.

The correct answer is: a socket to a new client

Question **5**

Correct

Mark 1.00 out of 1.00

```
io.sockets.emit("anotherEventName", data);
```

With respect to the statement above which is excerpted from the server side, the data will be delivered to:

Select one:

- ☐ a. new connections only
- ☐ b. to a group of clients
- ☒ c. all the clients currently connected to the server ✓
- ☐ d. Single client

Your answer is correct.

The correct answer is: all the clients currently connected to the server

Question **6**

Correct

Mark 1.00 out of 1.00

To emit a message to all clients except sender, the server has to use:

Select one:

- ☐ a. `socket.to('clients').emit()`
- ☐ b. `sockets.emit()`
- ☐ c. `io.sockets.broadcast.emit()`
- ☒ d. `socket.broadcast.emit()` ✓

Your answer is correct.

The correct answers are: `socket.broadcast.emit()`, `sockets.emit()`

Question **7**

Correct

Mark 1.00 out of 1.00

```
this.socket.emit("newMsg", this.messageText);
```

With respect to the statement above which is excerpted from `pp.component.ts`, what is the role of "newMsg"

Select one:

- ☐ a. the message
- ☐ b. name of the server
- ☐ c. confirmation text
- ☒ d. name of the event ✓

Your answer is correct.

The correct answer is: name of the event

Question **8**

Correct

Mark 1.00 out of 1.00

Which of the following options is false with respect to Google Cloud Services?

Select one:

- ☐ a. It has a billing mechanism called pay as you go
- ☒ b. It is only available in Node.js ✓
- ☐ c. can be accessed via code or CLI
- ☐ d. the service's infrastructure is fully managed by Google

Your answer is correct.

The correct answer is: It is only available in Node.js

Question 9

Correct

Mark 1.00 out of 1.00

Set the environment variable `GOOGLE_APPLICATION_CREDENTIALS` to the file path of the JSON file that contains your service account key.

What does the service account key contain?

Select one:

- ☒ a. account private key ✓
- ☐ b. account public key
- ☐ c. Account user name and email only
- ☐ d. account unique ID only

Your answer is correct.

The correct answer is: account private key

Question 10

Correct

Mark 1.00 out of 1.00

```
client.synthesizeSpeech(request, (err, response) => {  
  
}
```

With respect to the code above which converts a text to a speech, what is the datatype of 'request'?

Select one:

- ☐ a. function
- ☐ b. string
- ☐ c. array of characters
- ☒ d. Object ✓

Your answer is correct.

The correct answers are: Object, string

◀ Building Contact List Application
Using the Mean Stack

Jump to...



Week 11 Lab Specifications ▶