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## Mod03 Assessment

### Question 1

1/1 point (graded)

What are the three components in CAP theorem?

- ☐ coverage, abstraction and permissions
- ☒ consistency, availability and partition  
✓
- ☐ cost, availability and partition
- ☐ cost, availability and partition
- ☐ clusters, atomization and portability

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

### Question 2

1/1 point (graded)

What command will launch a MongoDB server locally on port 27017?

- ☐ mongod start
- ☐ mongodb
- ☒ mongod  
✓

☐ mongo☐ mongoui

You have used 1 of 1 attempt

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✓ Correct (1/1 point)

---

### Question 3

1/1 point (graded)

What MongoDB shell/REPL command will update MongoDB document?

☐ `db.contracts.update({name:"Lease Agreement"},{leasee:"Node University"});`☐ `db.contracts.update({name:"Lease Agreement"},{leasee:"Node University"}, function(error, result) {});`☒ `db.contracts.update({name:"Lease Agreement"},{$set:{leasee:"Node University"}});`☐ `db.contracts.updateByName("Lease Agreement",{$set:{leasee:"Node University"}});`☐ `db.contracts.update({name:"Lease Agreement"},{$update:{leasee:"Node University"}});`

You have used 1 of 1 attempt

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✓ Correct (1/1 point)

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### Question 4

1/1 point (graded)

```
{
  "_id": "56b2ac41065598d78bd5366f",
  "id": "EBA956EE-57C1-4265-A2AC-06CB83ED39F4",
  "first_name": "Mariquilla",
  "last_name": "Van't Hoff",
  "email": "mvanthoff0@merriam-webster.com",
  "gender": "Female",
  "ip_address": "243.135.104.124",
  "bitcoin_address": "149bHNMLDm5bzpjJdKX8UybwUj9X2DLMtg",
  "company_name": "Agivu"
}
```

Give the document above exists in your MongoDB collection `users` of 1000+ documents, which REPL statement will find it? (Choose two that apply)

- ☐ `db.users.find({id: "EBA956EE-57C1-4265-A2AC"});`
- ☐ `db.users.findById("EBA956EE-57C1-4265-A2AC-06CB83ED39F4");`
- ☒ `db.users.find({id: "EBA956EE-57C1-4265-A2AC-06CB83ED39F4"});`
- ☒ `db.users.find({id: "EBA956EE-57C1-4265-A2AC-06CB83ED39F4", gender: "Female", first_name: /Mar/});`
- ☐ `db.users.find({bitcoin_address: "149bHNMLDm5bzpjJdKX8UybwUj9X2DLMtg"});`



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You have used 1 of 1 attempt

✓ Correct (1/1 point)

## Question 5

1/1 point (graded)

How can a developer use MongoDB (save, find, update, remove documents) in his/her Node program?

- ☐ By using `mongo` command
- ☐ By using `mongod` command
- ☒ By using `mongodb` npm module
- ☐ By using MongoUI GUI tool



☒ By using npm scripts

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You have used 1 of 1 attempt

✓ Correct (1/1 point)

## Question 6

1/1 point (graded)

```
/var/www/credit-score
/node_modules
/routes
  profile.js
  history.js
  index.js
/views
  404.pug
  500.pug
package.json
index.js
app.js
```

Give the project structure above, what is the proper way to install MongoDB native Node.js driver from project root /var/www/credit-score? (Choose two that apply)

☒ `npm i -SE mongodb`

☐ `cd var/www/credit-score && npm i mongodb`

☒ `npm i -E mongodb`

☐ `cd /var/www/credit-score && npm instal mongodb`

☐ `npm i mongod`



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You have used 1 of 1 attempt

✓ Correct (1/1 point)

## Question 7

1/1 point (graded)

```
const insertDocuments = (db, callback) => {  
  const collection = db.collection('ethereum_wallets')  
  collection.insert([{ethAddress: '0x75AbfC9948a6C060E9Dc9cAP16b61b4170aa23AE'}], (error, result) => {  
    if (error) callback(error)  
    console.log(result)  
    response.send(result)  
  })  
}
```

Give the code above, what are the problems if any? (Choose three that apply)

☒ Not calling callback when there's no error

☒ Not stopping execution when there's an error

☒ `response` might be undefined

☐ `console.log` must be removed

☐ No semicolons



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You have used 1 of 1 attempt

✓ Correct (1/1 point)

## Question 8

0/1 point (graded)

```
const updateDocument = (db, data, callback) => {  
  var collection = db.collection('transactions')  
  collection.update({ _id : data._id }, { $set: data }, (error, result) => {  
    if (error) return process.exit(1)  
    //TODO  
  })  
}
```

Please complete the function by choosing the right code in place of "TODO"

☐ `db.send(result)`

☐ `callback(result)`

☒ `callback(data)`



☐ `callback(data._id)`

☐ `callback(_id)`

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You have used 1 of 1 attempt

✖ Incorrect (0/1 point)

## Question 9

1/1 point (graded)

What is the right command to install and launch MongoUI?

☐ `npm i mongoui && mongoui`

☐ `npm instal -g mongoui && mongoui`

☐ `npm i -g mongodbui && mongodbui`

☐ `npm install --global mongodb && mongodb`

☒ `npm i -g mongoui && mongoui`



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You have used 1 of 1 attempt

✔ Correct (1/1 point)

## Question 10

1/1 point (graded)

```
const updateDocument = (db, data, callback) => {  
  var collection = db.collection('transactions')  
  collection.update({ _id : data._id }, { $set: data }, (error, result) => {  
    if (error) return process.exit(1)  
    //TODO  
  })  
}
```

What is the right way to convert the string `id` to a MongoDB ObjectId in `mongodb` native driver?

☐ `require('mongodb').ObjectId(id)`

☒ `require('mongodb').ObjectID(id)`



☐ `ObjectId(id)`

☐ `ObjectID(id)`

☐ `id.ObjectId()`

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You have used 1 of 1 attempt

✓ Correct (1/1 point)

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