FIT2095 e-Business software technologies - S2 2021

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Grade	**8.46** out of 10.00 (**85**%)

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Question **1**
Complete
Mark 8.46 out of 10.00

Question 1

The param will be the string represent the name of collection and it can reference the collection in database , while we export the module. We use it by mentioning the param in the other field.

Comment:
Q1=100% Q2=50% Q3=100% Q4=88%

Question **2**
Complete
Not graded

Question 2

populate is a database reference-like behavior in mongoose. The document in the other collection can be refered by it object_ID

Here is the example from pre-reading:

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

```
let bookSchema = mongoose.Schema({
    _id: mongoose.Schema.Types.ObjectId,
    title: {
        type: String,
        required: true
    },
    isbn: String,
    author: {
        type: mongoose.Schema.Types.ObjectId,
        ref: 'Author'
    },
    created: {
        type: Date,
        default: Date.now
    }
});
```

In this case, in our book model has its author field and inside author field ref function is for telling mongoose which model it should use. All ID in book need to use the Id in author model. And that is 'populate()' method

Question 3

```
const mongoose = require("mongoose");
let doctorSchema = mongoose.Schema({
  _id: {
    type: mongoose.Schema.Types.ObjectId,
    auto: true
  },
  name: {
    firstName: {
      type: String,
      validate: {
```

```
            validator: function (firstNameValue) {
                return firstNameValue.length >= 5;
            },
            message: 'firstName length cannot be less than 5'
        },
```

```
      required: true,
    },
    lastName: String, }
});
```

Question 4

```
const mongoose = require('mongoose');
const Author = require('./models/agency')
```

```
mongoose.connect('mongodb://59.0.152.66:88566/Agency', function (err) {

    if (err) {
        console.log('Error in Mongoose connection');
        throw err;
    }

    console.log('Successfully connected');

    let agency1 = new Agency({
        _id: new mongoose.Types.ObjectId(),
        from: 'MEL',
        to: 'JNB',
        airline: 'VA',
        cost: 2500 }
    );

    agency1.save(function (err) {
        if (err) throw err;
        console.log('Author successfully Added to DB');
    });
});
```

Question **5**

Not answered

Not graded

Question 5

Question **6**

Not answered

Not graded

Question 6

Question 7

Not answered

Not graded

Question 7

Question 8

Not answered

Not graded

Question 8

Jump to...