



FIT2095 e-Business software technologies S2 2019

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Started on	Friday, 30 August 2019, 12:07 PM
State	Finished
Completed on	Friday, 30 August 2019, 1:13 PM
Time taken	1 hour 5 mins
Grade	8.73 out of 10.00 (87%)

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Question 1

Complete

Mark 8.73 out of 10.00

Question 1

- 1. **Documents** in MongoDB is a data structure that is composed of field and value pairs. The value of the field may include other documents, array, and an array of other documents as well. **Collection** is like a table in a relational database. It is a set of documents, and we access each document via the collection.
- 2. MongoDB documents are similar to JSON objects but not exactly same to a JSON object because compared to a JSON object, a MongoDB document has support not only for the primitive data types boolean, numbers, and strings, but also other common data types such as dates, timestamps, regular expressions, and binary data.

Comment:
Q1=80% Q2=75% Q3=100%

Question 2

Complete

Not graded

Question 2

```
db.collection("flights").find({airline: 'VA'}).toArray(function(err, result){});
db.collection("flights").find({from: "SA" ,to : "SYD"}).toArray(function(err, result){});
db.collection("flights").updateMany({from: "SYD", to: "NT"}, {$mul: { cost: 2 }},{ upsert: false },function(err, result){};
db.collection("flights").deleteMany({cost: {$lt: 300}}, function(err, obj){});
```

Question **3**

Complete

Not graded

Question 3

```
const express = require("express");

const mongodb = require("mongodb");

const bodyParser = require('body-parser');

const MongoClient = mongodb.MongoClient;

const url ="mongodb://42.128.78.49:55312/";

const app = express()

app.use(bodyParser.urlencoded({ extended:false}));

app.use(express.static('public'));

let db;

MongoClient.connect(url,{ useNewUrlParser:true},

function(err, client){

    if(err)

        {

            console.log("Err ", err);

        }

    else

        {

            console.log("Connected successfully to server");

            db = client.db("travel");

        }

});

app.post('/bookingpost',function(req, res){

    let userDetails = req.body;

    db.collection('flights').insertOne({ from: userDetails.from , to: userDetails.to, airline: userDetails.airline});

});
```

Question **4**

Not answered

Not graded

Question 4

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

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