**Assignment 2B Feedback**

```
// *****PLEASE ENTER YOUR DETAILS BELOW*****
// T3-tsa-mongo.mongodb.js

// Student ID:33429472
// Student Name:Ziqi Pei
// Unit Code:FIT9132
// Applied Class No:A12

//Comments for your marker:


//Use (connect to) your database - you MUST update xyz001
//with your authcate username
use("zpei003");

//3(b)
// PLEASE PLACE REQUIRED MONGODB COMMAND TO CREATE THE COLLECTION HERE
// YOU MAY PICK ANY COLLECTION NAME
// ENSURE that your query is formatted and has a semicolon
// (;) at the end of this answer
db.town.insertMany([
    { "_id": 1, "name": "Byron Bay, NSW", "location": { "latitude": -28.6474, "longitude": 153.602 }, "avg_temperature": { "summer": 23.5, "
winter": 16.9 }, "no_of_resorts": 2, "resorts": [{ "id": 1, "name": "Byron Bay Exclusive Resort", "address": "1 Karma Road", "phone": "02124
29423", "year_built": "2012", "company_name": "Byron Holiday" }, { "id": 5, "name": "Byron Bay Super Resort", "address": "675 Lennon Street"
, "phone": "0224811234", "year_built": "2016", "company_name": "Byron Holiday" }] },
    { "_id": 2, "name": "Mudgee, NSW", "location": { "latitude": -32.6145, "longitude": 149.5733 }, "avg_temperature": { "summer": 23, "wint
er": 8.3 }, "no_of_resorts": 1, "resorts": [{ "id": 10, "name": "Awesome Resort", "address": "40 Moonlight Road", "phone": "0228503123", "ye
ar_built": "2018", "company_name": "Wonderful Dessert Accommodation" }] },
    { "_id": 3, "name": "Kingaroy, QLD", "location": { "latitude": -26.5309, "longitude": 151.84 }, "avg_temperature": { "summer": 24.8, "wi
nter": 11.5 }, "no_of_resorts": 1, "resorts": [{ "id": 8, "name": "King Resort at Kingaroy", "address": "23A Town Road", "phone": "074610123
1", "year_built": "2018", "company_name": "Tropical Dream" }] },
    { "_id": 4, "name": "Gympie, QLD", "location": { "latitude": -26.1834, "longitude": 152.6657 }, "avg_temperature": { "summer": 27.1, "wi
nter": 13.6 }, "no_of_resorts": 1, "resorts": [{ "id": 6, "name": "Gympie Luxury Resort", "address": "1234 Gympie Hwy", "phone": "0745703124
", "year_built": "2014", "company_name": "Tropical Dream" }] },
    { "_id": 5, "name": "Alice Springs, NT ", "location": { "latitude": -23.698, "longitude": 133.8807 }, "avg_temperature": { "summer": 29,
 "winter": 13 }, "no_of_resorts": 1, "resorts": [{ "id": 3, "name": "Alice Springs Resort", "address": "1 Wonderland Road", "phone": "087000
3111", "year_built": "2011", "company_name": "Wonderful Dessert Accommodation" }] },
    { "_id": 6, "name": "Broome, WA ", "location": { "latitude": -17.9644, "longitude": 122.2304 }, "avg_temperature": { "summer": 32, "wint
er": 21 }, "no_of_resorts": 1, "resorts": [{ "id": 4, "name": "Awesome Resort", "address": "1 Crystal Clear Road", "phone": "0853246725", "y
ear_built": "2008", "company_name": "Wonderful Dessert Accommodation" }] },
    { "_id": 7, "name": "Mount Isa, QLD", "location": { "latitude": -20.7256, "longitude": 139.4927 }, "avg_temperature": { "summer": 31.9,
"winter": 17.3 }, "no_of_resorts": 1, "resorts": [{ "id": 9, "name": "Queen Resort", "address": "45 Mount Isa Road", "phone": "0748253123",
"year_built": "2017", "company_name": "Tropical Dream" }] },
    { "_id": 8, "name": "Taree, NSW", "location": { "latitude": -31.8895, "longitude": 152.4444 }, "avg_temperature": { "summer": 24.3, "win
ter": 12 }, "no_of_resorts": 1, "resorts": [{ "id": 7, "name": "Taree Exclusive Resort", "address": "78 Station Road", "phone": "0243012123"
, "year_built": "2014", "company_name": "Australia Experience" }] },
    { "_id": 9, "name": "Echuca, VIC", "location": { "latitude": -36.146, "longitude": 144.7448 }, "avg_temperature": { "summer": 22.2, "win
ter": 9.3 }, "no_of_resorts": 1, "resorts": [{ "id": 2, "name": "Amazing Resort", "address": "5B Lincoln Way", "phone": "0326415234", "year_
built": "2014", "company_name": "Australia Experience" }] }
]);

//3(c)
// PLEASE PLACE REQUIRED MONGODB COMMAND/S FOR THIS PART HERE
// ENSURE that your query is formatted and has a semicolon
// (;) at the end of this answer
db.town.find({
```

```
        "$and": [{ "avg_temperature.summer": { $gt: 25 } },
        {"resort.company_name":"Tropical Dream"}]});
```
$gt must be within double quotes

✓

```
///3(d)
// PLEASE PLACE REQUIRED MONGODB COMMAND/S FOR THIS PART HERE
// ENSURE that your query is formatted and has a semicolon
// (;) at the end of this answer
db.town.updateMany(
    { "resort.company_name": "Tropical Dream" },
    { "$set": { "resort.company_name": "Tropical Heaven" } }
);
```
"resorts.$.company_name"

```
db.town.find({ "resort.company_name": "Tropical Heaven" });
```

```
//3(e)
// PLEASE PLACE REQUIRED MONGODB COMMAND/S FOR THIS PART HERE
// ENSURE that your query is formatted and has a semicolon
// (;) at the end of this answer
db.town.updateOne(
    {
        "$and": [
            { "location.latitude": -20.7356 },
            { "location.longitude": 139.4927 }
        ]
    },
    {
        "$push": {
            "resort": {
                "id": 10,
                "name": "Amazing Resort",
                "address": "87 Mount Is a Road",
                "phone": "012345678",
                "year_built": "2012",
                "company_name": "Australia Experience"
            }
        }
    }
);
```
✓

year should be a number

No of resorts not updated

```
db.town.find({
    "$and": [
        { "location.latitude": -20.7356 },
        { "location.longitude": 139.4927 },
        { "resort.id": 10 }
    ]
});
;
```