Task C11.2.3

JSON file used:

```
{"book1" : [
    {"isbn" : "999-888"},
    {"book" : "The secret river"},
    {"author" : "Kate Grenville"},
    {"reviews" : [
        {
            "reviewer" : "Hua Tang",
            "score" : "7"
        },
        {
            "reviewer" : "Jim Wong",
            "score" : "8"
        },
        {
            "reviewer" : "Andrea Bauer",
            "score" : "6"
        }
    ]}
],
"book2" : [
    {"isbn" : "777-222"},
    {"book" : "Fooled by tandomness"},
    {"author" : "Nassim Taleb"},
    {"reviews" : [
        {
            "reviewer" : "Simon Jones",
            "score" : "5"
        },
        {
            "reviewer" : "John Messum",
            "score" : "10"
        }
    ]}
]}
```

Figure 1 book.josn

```
Administrator: Command Prompt - mongo                                    —  □  ×
> db.books.updateOne({"book1":{$elemMatch:{"isbn":"999-888"}}},{$set:{"book1.2" : {"Author":"Simon Collins"}}});
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.books.find();
{ "_id" : ObjectId("5f93f1cc5c879bd8cb109cfa"), "book1" : [ { "isbn" : "999-888" }, { "book" : "The secret river"
 }, { "Author" : "Simon Collins" }, { "reviews" : [ { "reviewer" : "Hua Tang", "score" : "7" }, { "reviewer" : "J
im Wong", "score" : "8" }, { "reviewer" : "Andrea Bauer", "score" : "6" } ] } ], "book2" : [ { "isbn" : "777-222"
 }, { "book" : "Fooled by tandomness" }, { "author" : "Nassim Taleb" }, { "reviews" : [ { "reviewer" : "Simon Jon
es", "score" : "5" }, { "reviewer" : "John Messum", "score" : "10" } ] } ] }
>
```

Command used:

```
> db.books.updateOne({"book1":{$elemMatch:{"isbn":"999-888" }}},
{$set:{"book1.2"  :  {"Author":"Simon Collins"}}});
```

What is upsert: upsert is special insert type or argument that allows data to be inserted if not found by the update criteria

In simple words : if found change it, if not found insert a new one.

Syntax: {$set: {}, {upsert:true}}