# Lab 9 – MongoDB – UPDATE

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Purpose: LAB 09 DBS311

## Objective

## Tasks

1. Write an update statement to add new fields *program* and *term* to all documents in the *students* collection and set them to values “*CPA*” and *1*.

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| > db.getCollection('students').updateMany({},{$set : {"program" : "CPA", "term" : 1}}); |

1. Write an update statement to modify the value of the *program* field to “*BTM”* for all documents in the *students* collection.

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| > db.getCollection('students').updateMany({},{$set : {"program" : "BTM"}});  > db.getCollection('students').find({}); |

1. Write an update statement to modify the value of the program field to “*CPA”* for the student named *Jonie Raby*.

Before executing an update statement or a delete statement, you can use the *find()* method with the update or delete criteria, to see how many documents will be affected.

Write the update statement in the box below.

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| > db.getCollection('students').update({"name" : "Jonie Raby"},{$set : {"program" : "CPA"}});  > db.getCollection('students').find({"name" : "Jonie Raby"}); |

How many documents are there with the value *Jonie Raby* for the *name* field? one document updated\_\_\_\_\_\_\_

How many documents were updated? \_\_\_\_one\_\_\_\_

1. Write a query to show only the *program* field for the document that the value of the filed *name* is *Jonie Raby*.

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| db.getCollection('students').find({"name" : "Jonie Raby"},{program : 1, \_id : 0}); |

1. Write an update statement to increase the value of the *term* field by 2 for documents with *\_id* 20, 22, and 24.

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| > db.getCollection('students').update({"\_id" : {$in : [20,22,24]}},{$inc : {"term" : 2}},{multi : true}); |

1. Write an update statement to remove the *term* field from documents that the value of the *term* filed is 3.

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| db.getCollection('students').update({"term" : 3},{$unset : {"term" : ""}},{multi : true}); |