**Exercise06\_02\_01 – Step 1**

back-end terminal

npm install mongoose -save

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server.js

var mongoose = require('mongoose');

var dbName = 'test';

var url = 'mongodb://localhost:27017/' + dbName;

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server.js

mongoose.connect(url, (err, db) => {

if (err) {

return console.log('Error: ' + err);

}

console.log('Connected to database: ' + dbName);

});

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server.js

var database;

var Message = mongoose.model('Message', {

msg: String

});

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server.js

app.post('/api/message', (req, res) => {

console.log(req.body);

var message = new Message(req.body);

message.save();

res.status(200);

});

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server.js

function GetMessages() {

Message.find({}).exec((err, result) => {

console.log(result);

});

}

server.js

console.log('Connected to database: ' + dbName);

GetMessages();

**Exercise06\_02\_01 – Step 2**

server.js

function GetMessages(req, res) {

Message.find({}).exec((err, result) => {

res.send(result);

});

}

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server.js

app.get('/api/message', GetMessages);

**Exercise06\_02\_01 – Step 3**

main.controller.js

getMessages() {

this.$http.get('http://localhost:8080/api/message')

.then((result) => {

console.log(result);

});

}

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main.controller.js

this.$http = $http;

this.getMessages();

------------------------------------

main.controller.js

getMessages() {

var vm = this;

this.$http.get('http://localhost:8080/api/message')

.then((result) => {

vm.messages = result.data;

});

}

------------------------------------

main.html

<div class="panel panel-default">

<div class="panel-heading">Messages</div>

<div class="panel-body">

</div>

</div>

------------------------------------

main.html

<div class="panel-body">

<ul class="list-group">

<li class="list-group-item"

ng-repeat="message in main.messages">

{{message.msg}}  
 </li>

</ul>

</div>