**This file (link) contains four Api. Deconstruct all four.**

module.exports = function(app,db) {

var ObjectID = require('mongodb').ObjectID;

// Update

app.put('/notes/:id', (req, res) => {

const id = req.params.id;

const details = {'\_id': new ObjectID(id)};

const note = {text: req.body.body, title: req.body.title};

db.collection('notes').update(details, note, (err, result) => {

if (err) {

res.send({'error': 'An error occerred ' + err});

} else {

res.send(result);

}

});

});

// Delete

app.delete('/notes/:id', (req, res) => {

const id = req.params.id;

const details = {'\_id': new ObjectID(id)};

db.collection('notes').remove(details, (err, item) => {

if (err) {

res.send({'error':'An error has occerred deleting.'});

} else {

res.send('Note ' + id + ' deleted!');

}

});

});

// Get

app.get('/notes/:id', (req, res) => {

const id = req.params.id;

const details = {'\_id': new ObjectID(id)};

db.collection('notes').findOne(details, (err, item) => {

if (err) {

res.send({"error": "An error has occurred "});

} else {

res.send(item);

}

});

});

// Post

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

// Create your notes here

const note = {text: req.body.body, title: req.body.title};

db.collection('notes').insert(note, (err, result) => {

if (err) {

res.send({'error':'An error has occurred' + err});

} else {

res.send(result.ops[0]);

}

});

});

};

/\*

"module" is an global object which has key "exports" which return function with 2 param that is app, db.

In that calling a require a function which passing one param as a string which has method objectId and that require function is assign to variable ObjectID.

function has a four methods method, app object which has key as put, delete, get, post. which has 2 param one is string and second is inline function(callback function) passing 2 param req and res using arrow functionality. \*/

**Create an express app and add one api in a new file module with JSON Data.**





