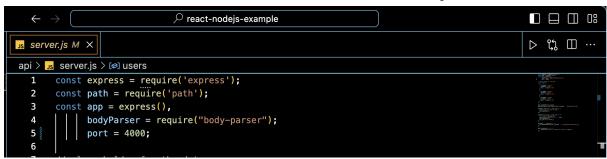
#### LAB4

## เปลี่ยน Port ของ backend เป็น 4000 หน้า package.json

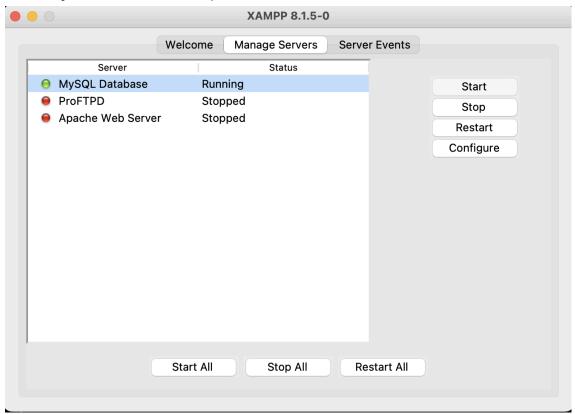
# เปลี่ยน Port ของ backend เป็น 4000 หน้า server.js



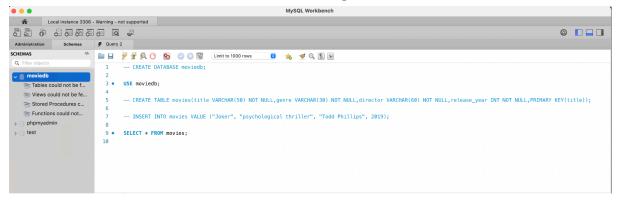
#### ทดสอบ run (<a href="http://localhost:4000/api/users">http://localhost:4000/api/users</a>)



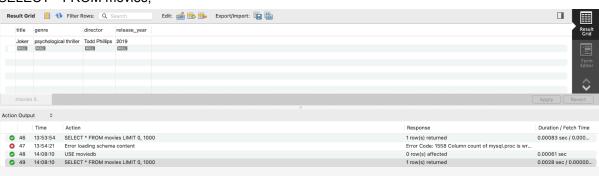
## เปิด MySQL ใน Xammp



# สร้าง database , เพิ่มตาราและเพิ่มข้อมูลลงในตาราง



#### SELECT \* FROM movies;



#### แสดงข้อมูล

## สร้างหน้า index.js มาใน backend และใส่โค้ด



## โค้ดหน้า index.js

```
31
32
33
34
35
36
37
38
          await server.register(require('@hapi/inert'));
          server.route({
           39
40
41
42
43
44
45
46
47
48
49
50
            server.route({
  method: 'GET',
  path: '/api/movie/all',
  config: {
                 cors: {
                       origin: ['*'],
additionalHeaders: ['cache-control', 'x-requested-width']
51
52
53
54
55
56
57
58
               handler: async function (request, reply) {
                   //var param = request.query;
59
60
61
62
                         const responsedata = await Movies.MovieRepo.getMovieList();
                         if (responsedata.error) {
    return responsedata.errMessage;
                          else {
return responsedata;
63
64
```

```
catch (err) {
66
67
68
                              server.log(["error", "home"], err);
return err;
69
70
71
72
73
                 server.route({
75
76
                  method: 'GET',
path: '/api/movie/search',
77
78
                   config: {
                        cors: {
                              origin: ['*'],
additionalHeaders: ['cache-control', 'x-requested-width']
79
80
81
82
83
84
85
86
                   handler: async function (request, reply) {
                        var param = request.query;
const search_text = param.search_text;
//const title = param.title;
87
88
89
90
91
                             const responsedata = await Movies.MovieRepo.getMovieSearch(search_text);
                           const responsedata = awalf movies.mc
if (responsedata.error)
    return responsedata.errMessage;
} else {
    return responsedata;
}
92
93
94
                         catch (err) {
  server.log(["error", "home"], err);
  return err;
96
97
```

```
101
102
103
104
105
106
           server.route({
             method: 'POST',
path: '/api/movie/insert',
107
108
109
110
              config: {
                   payload: {
                       multipart: true,
111
112
113
114
115
                   cors: {
                        origin: ['*'],
additionalHeaders: ['cache-control', 'x-requested-width']
116
117
118
              handler: async function (request, reply) {
120
121
122
123
124
125
126
127
128
                     genre,
director,
                      release_year
                    } = request.payload;
                   //const title = request.payload.title;
//const genre = request.payload.genre;
129
130
131
                      const responsedata = await Movies.MovieRepo.postMovie(title, genre, director, release_year);
                           return responsedata.errMessage;
134
135
                         else {
                        return responsedata;
136
137
                    catch (err) {
138
                      server.log(["error", "home"], err);
139
140
141
142
143
144
145
146
147
148
149
150
           console.log('API Server running on %s', server.info.uri);
151
152
153
154
155
156
         process.on('unhandledRejection', (err) => {
           console.log(err);
process.exit(1);
157
158
159
         init();
```

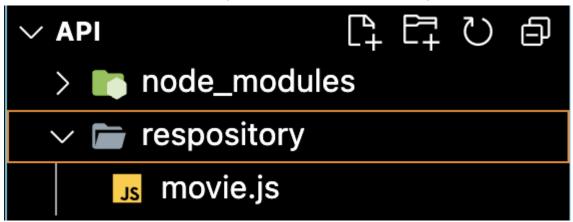
# สร้างหน้า env.js เพื่อเก็บ config



### สร้างหน้า dbconfig.js



สร้างโฟลเดอร์ respository และสร้างไฟล์ movie.js ใน respository



### ใส่โค้ดเข้าไปใน movie.js พร้อมแก้โค้ดบ้างส่วน

```
36
37
38
 39
 40
41
42
43
       async function getMovieList() {
          var Query;
46
47
          var pool = mysql.createPool(config);
48 、
          return new Promise((resolve, reject) => {
            //Query = `SELECT * FROM movies
Query = `SELECT * FROM movies`;
 49
                                                     WHERE warehouse_status = 1 ORDER BY CONVERT( warehouse_name USING tis620 ) ASC `;
50
51
             pool.query(Query, function (error, results, fields) {
   if (error) throw error;
52 ∨
53
55 ×
56
               if (results.length > 0) {
                 pool.end();
return resolve(results);
57
58 ~
 59
                 pool.end();
60
61
62
63
                  return resolve({
                   statusCode: 404,
                   returnCode: 11,
message: "No movie found",
64
65
66
67
```

```
70
71
72
73
74
75
76
77
78
         async function getMovieSearch(search_text) {
          var Query;
var pool = mysql.createPool(config);
           return new Promise((resolve, reject) => {
   Query = `SELECT * FROM movies WHERE title LIKE '%${search_text}%'`;
              pool.query(Query, function (error, results, fields) {
   if (error) throw error;
 79
80
81
82
83
84
85
86
87
88
90
91
92
93
94
95
96
97
                if (results.length > 0) {
                  pool.end();
                   return resolve({
                     statusCode: 200,
                     returnCode: 1,
                     data: results,
                   pool.end();
                   return resolve({
                     statusCode: 404,
                     returnCode: 11,
                     message: "No movie found",
 98
99
         async function postMovie(p_title, p_genre, p_director, p_release_year) {
           var pool = mysql.createPool(config);
101
```

```
eturn new Promise((resolve, reject) => {
//Query = `SELECT * FROM movies WHERE title LIKE '%${search_text}%'`;
104
105
106
               var post = {
107
                 title: p_title,
108
                 genre: p_genre,
109
110
                 release_year: p_release_year,
111
112
113
              console.log("post is: ", post);
114
              Query = "INSERT INTO movies SET ?";
pool.query(Query, post, function (error, results, fields) {
   //pool.query(Query, function (error, results, fields) {
115
116
117
118
119
120
121
122
123
                    console.log("error_code_msg ", error.code + ":" + error.sqlMessage);
                    pool.end();
                     return resolve({
124
125
126
127
                      statusCode: 405,
                      returnCode: 9,
                      messsage: error.code + "+" + error.sqlMessage,
128
129
130
                    console.log("results: ", results);
if (results.affectedRows > 0) {
131
                       pool.end();
132
133
134
                       return resolve({
                         statusCode: 200,
                         returnCode: 1,
messsage: "Movie list was inserted",
```

## ทดสอบการทำงานใน Postman