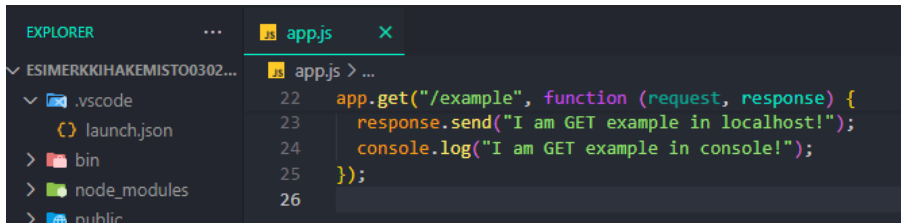


TEHTÄVÄNANTO: Tutki Routing ja Middleware koodeja ja testaa niiden toimintaa.

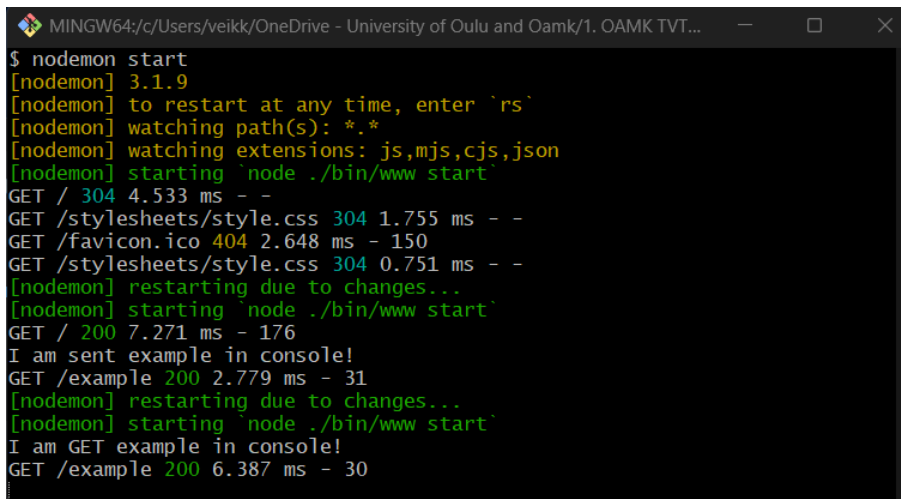
1. GET-metodi

VSC:



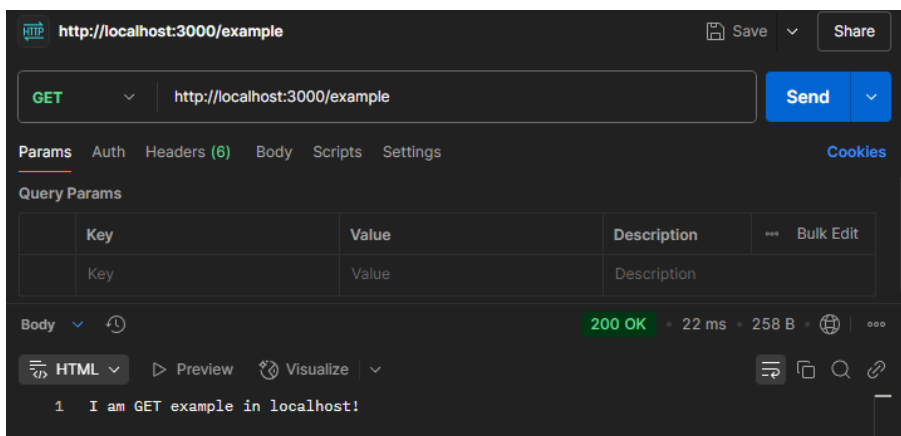
```
22 app.get("/example", function (request, response) {
23   response.send("I am GET example in localhost!");
24   console.log("I am GET example in console!");
25 });
26
```

GITBASH:



```
$ nodemon start
[nodemon] 3.1.9
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node ./bin/www start`
GET / 304 4.533 ms - -
GET /stylesheets/style.css 304 1.755 ms - -
GET /favicon.ico 404 2.648 ms - 150
GET /stylesheets/style.css 304 0.751 ms - -
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www start`
GET / 200 7.271 ms - 176
I am sent example in console!
GET /example 200 2.779 ms - 31
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www start`
I am GET example in console!
GET /example 200 6.387 ms - 30
```

POSTMAN:



2. GET-metodi yhdellä parametrilla

```
27 app.get("/example/:color", function (request, response) {
28   response.send("Localhost likes color: " + request.params.color);
29 }); //GET-method with one parameter
30
```

GET http://localhost:3000/example/Green

Send

Params Auth Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body 200 OK 17 ms 256 B

HTML Preview Visualize

1 Localhost likes color: Green

3. GET-metodi kahdella parametrilla

```
31 app.get("/example/:color/:fruit", function (request, response) {
32   response.send(
33     "Localhost's favourite snack is: " +
34     request.params.color +
35     " " +
36     request.params.fruit
37   );
38 });
```

http://localhost:3000/example/Red/Apples

Save Share

GET http://localhost:3000/example/Red/Apples

Send

Params Auth Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body 200 OK 12 ms 270 B

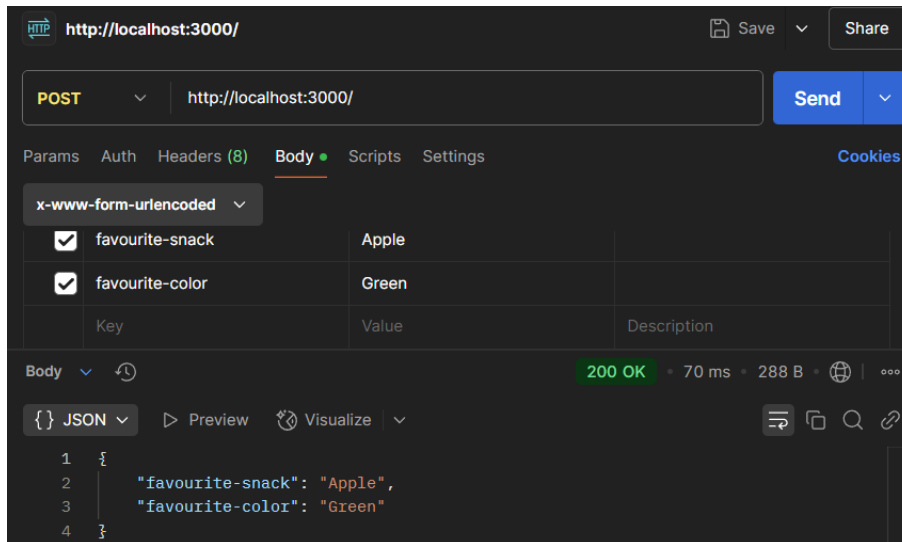
HTML Preview Visualize

1 Localhost's favourite snack is: Red Apples

4. POST-metodi

```
40 app.post("/", function (request, response) {
41   response.send(request.body);
42   console.log(request.body);
43 });
```

```
[nodemon] starting `node ./bin/www start`
[Object: null prototype] {
  'favourite-snack': 'Apple',
  'favourite-color': 'Green'
}
POST / 200 34.778 ms - 53
```



5. Middleware-funktio

VSC:

```
33 //Middleware function with 2-parameter GET-method
34 app.use("/example/:color/:fruit", function (request, response, next) {
35   console.log("The secret favourite snack middleware is called!");
36   next();
37 });
38
39 //GET-method with two parameters task 3
40 app.get("/example/:color/:fruit", function (request, response) {
41   response.send(
42     "localhost's favourite snack is: " +
43     request.params.color +
44     " " +
45     request.params.fruit
46   );
47 });
48
```

GITBASH:

```
[nodemon] restarting due to changes...
[nodemon] starting 'node ./bin/www start'
The secret favourite snack middleware is called!
GET /example/Red/Apples 200 6.685 ms - 42
```

POSTMAN:

