

Alla tehty GET VSCoden postmanilla. Käytän olemassa olevaani kirjastorakennetta

The screenshot shows the Postman application interface. At the top, the URL `http://localhost:3000/books` is entered into the address bar. Below the address bar, the method is set to `GET`. The `Send` button is visible on the right. Under the `Headers` tab, there are seven entries. In the `Query Params` section, there is one entry with the key `Key` and value `Value`. The `Body`, `Cookies`, and `Test Results` tabs are also present. The `JSON` tab is selected. The response status is `200 OK` with a time of `70 ms` and a size of `549 B`. The response body is a JSON array containing three objects:

```
[{"idKirja":100,"idTeos":20,"hyllypaikka":"Fiktio Hylly 3","tila":"hyllyss\u00e4","viivakoodi":"1000201501"}, {"idKirja":101,"idTeos":20,"hyllypaikka":"Fiktio Hylly 3","tila":"hyllyss\u00e4","viivakoodi":"1000201502"}, {"idKirja":102,"idTeos":10,"hyllypaikka":"Tieto Hylly 1","tila":"hyllyss\u00e4","viivakoodi":"1000102201"}]
```

Alla powershellillä tehty POST koska en saanut VSCoden postmania toimimaan sen kanssa

```
PS C:\Users\██████\Documents\tietokannat_k2025\Viikko 7\rest-api> Invoke-WebRequest `
>> -Uri http://localhost:3000/books `
>> -Method POST `
>> -Headers @{"Content-Type" = "application/json" } `
>> -Body '{"idTeos":10,"hyllypaikka":"A-12","tila":"hylyssa","viivakoodi":"123456789"}'
>>

StatusCode      : 201
StatusDescription : Created
Content          : {"message":"Kirja lisätty","id":104}
RawContent       : HTTP/1.1 201 Created
                  Connection: keep-alive
                  Keep-Alive: timeout=5
                  Content-Length: 37
                  Content-Type: application/json; charset=utf-8
                  Date: Sun, 14 Dec 2025 17:09:32 GMT
                  ETag: W/"25-8wRL/smRKqrb4hh...
Forms           : {}
Headers         : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 37], [Content-Type, application/json; charset=utf-8]...}
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : System._ComObject
RawContentLength : 37
```

Alla PUT tehty joka toimi VSCoden postmanilla

The screenshot shows the Postman interface with a PUT request. The URL is `http://localhost:3000/books/1?tila=lainassa`. In the 'Params' section, there is a table with one row: 'tila' with value 'lainassa'. In the 'Body' section, the 'Pretty' tab is selected, showing the JSON response: `{"message": "Kirja päivitetty"}`. The status bar at the top right indicates `Status: 200 OK Time: 15 ms Size: 266 B`.

Alla DELETE tehty VSCoden postmanilla joka toimi

The screenshot shows the Postman interface with a successful DELETE request. The URL is `http://localhost:3000/books/1`. The response status is `200 OK` with a time of `8 ms` and a size of `264 B`. The response body is a JSON object with one item: `{"message": "Kirja päivitetty"}`.