

Internship assignment YourSurprise 2023

Thank you for your interest in an internship at YourSurprise. To get a feeling of your current skill level on the programming field, we have created this assignment.

You can work on those assignments in your own time, as soon as you have finished them, and share the code with us, preferably via github. We will make an appointment to present your result to us. Prepare something to explain the things you have created in approximately 15 minutes.

If you have any questions about the assignments below, feel free to contact us.

1. Build a component (in a language of choice) that fetches the data from <https://jsonplaceholder.typicode.com/posts> and displays the title and body from user 8
2. Given this database, write a query that gets all of the blog posts that have been liked by user 8 (<https://github.com/YourSurpriseCom/database-test>)
3. Build an endpoint in a language of choice that can validate the data below. Make sure that 1. The email address is valid, 2. All numeric values are between 1 and 10. If it succeeds, return a response that everything went fine, if the validation fails, make sure to return an insightful response.

```
{
  "email": "test@test.nl",
  "likes" : 7,
  "reposts" : 8,
  "views": 11
}
```

4. Bonus: Write an automated test that tests a single component of your code

