



Immfly Backend Test

This test should not take much of your time. You will be creating an **api**. You can use **any framework** you need. The api will have in total 3 endpoints:

1. First endpoint will return this data (<https://api.jsonbin.io/v3/b/5f69afbe65b18913fc510ce8>). It also allows query params to filter by '**country**' or '**code**' and order by '**vat**' the results. You should validate query params: filter (string), order (string and only[asc, desc]).
2. Second endpoint will return the string you sent (by url param) but reversed with all vowels in uppercase.
3. Third endpoint will add to the start and/or to the end of the array the string you provide in the query. Validate: start (string), end (string)

Create environment variables: **NODE_ENV**, **SIMPLE_ARRAY**. **SIMPLE_ARRAY** env variable will have the array that you will use to append the query params of the third endpoint.

Examples:

1. First endpoint
 - Request: /countries?filter=and&order=asc
 - Response: All the countries that have '**and**' in the **country** or **code**. And in **ascending** order by **vat**
2. Second endpoint
 - Request: /reverse/hello
 - Response: OllEh
3. Third endpoint
 - Request: /append?start=hello&end=bye
 - Response: [hello, **SIMPLE_ARRAY**, bye]

Mandatory:

- Typescript
- Unit tests
- Github repo

Optional:

- Dockerfile
- Docker compose