

Json to json schema validator - use transform.

```
1 // Install ajv library
2 //   npm install ajv      - command prompt/terminal
3
4 //import the library.
5 const Ajv=require('ajv')
6
7 //create object of ajv.
8 const avj=new Ajv()
9
10 describe("Schema validation",()=>{
11
12
13     it("schema validation against response",()=>{
14
15         cy.request(
16             { method: 'GET',
17               url : "https://fakestoreapi.com/products"
18             })
19
20         .then((response)=>{
```

```
1 //define the schema needed.
2     const schema = {
3         "$schema": "http://json-schema.org/draft-07/schema#",
4         "title": "Generated schema for Root",
5         "type": "array",
6         "items": {
7             "type": "object",
8             "properties": {
9                 "id": {
10                     "type": "number"
11                 },
12                 "title": {
13                     "type": "string"
14                 },
15                 "price": {
16                     "type": "number"
17                 },
18                 "description": {
19                     "type": "string"
20                 },
21                 "category": {
22                     "type": "string"
23                 },
24                 "image": {
25                     "type": "string"
26                 },
27                 "rating": {
28                     "type": "object",
29                     "properties": {
30                         "rate": {
31                             "type": "number"
32                         },
33                         "count": {
34                             "type": "number"
35                         }
36                     },
37                     "required": [
38                         "rate",
39                         "count"
40                     ]
41                 }
42             },
43             "required": [
44                 "id",
45                 "title",
46                 "price",
47                 "description",
48                 "category",
49                 "image",
50                 "rating"
51             ]
52         }
53     } // schema end
54
```

```
1 //first pass in the schema in compile method.
2     const validate= avj.compile(schema)
3     //then use the same variable and pass the actual response body.
4     //it will check if schema matches or not.
5     const isvalid=validate(response.body)
6     //assert.
7     expect(isvalid).to.be.true;
8
9     })
10
11 })
12
13
14
15
16 })
```