

EX3 - INSTRUCTIONS

A **product** has the following properties:

| Attributes | Type |
|------------|----------------------|
| id | Integer |
| name | String |
| price | Integer (in dollars) |

The data is already in the file: **data/ products.json**

Q1 – (15 POINTS) Complete the BACK and the FRONT code to show the **product name** for the given ID:

SHOW

Example:

1

2

SHOW

2

The result is: PIANO (PRICE = 12 dollars)

Constraints

The request shall be the following one:

GET <YOUR IP>:3000/products? id=<PRODUCT ID>

The request shall return:

{"name": <the product name>, "price": <the product name>}
{“nothing” }

if the product is found
if the product if not found

Q2 — (20 POINTS) Complete the BACK and the FRONT code to show the **list of products** whose price is between the min and the max (*including the min and max price*)

MIN PRICE MAXPRICE SHOW

Example:

A diagram of a simple calculator interface. It consists of two rectangular input fields side-by-side, followed by a green rectangular button labeled 'SHOW'. The first input field contains the red text '12' and is labeled with a blue circle containing the number '1'. The second input field contains the red text '20' and is labeled with a blue circle containing the number '2'.

3 The result is:

- PIANO (PRICE = 12 dollars)
- GUITAR (PRICE = 15dollars)
- TELEVISION (PRICE = 20 dollars)

Constraints

The request shall be the following one:

```
GET <YOUR IP>:3000/filter_products? min_price=<MIN PRICE>& max_price=<MAX PRICE >
```

The request shall return:

```
{ "products": <the list of products between min and max price > }
```