

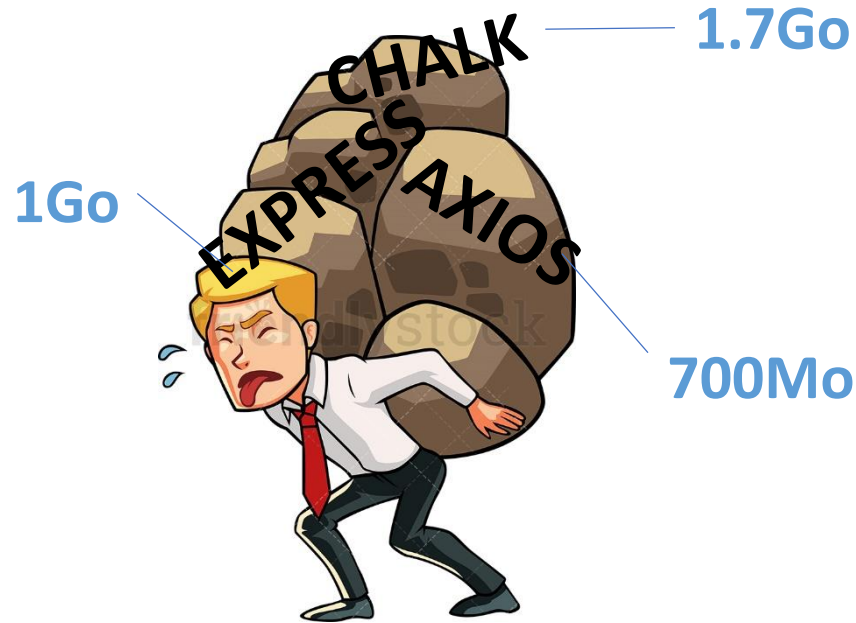
JS






WEB SERVER

JSON + GET

WARNING

You should **not push**
/node_modules and package-lock.json



Student and Student add index	
	node_modules
	package-lock.json
	package.json
	server.js
	studentDatabase.json

SOLUTION

.gitignore

```
/node_modules  
package-lock.json
```

2 ways to set parameters in a GET request

1 - USING QUERY PARAMETERS

localhost: 3000/book?id=2

```
app.get("/book", (req, res) => {  
  let id = req.query.id  
  
  res.send("id is:" + id);  
});
```

2 - USING ROUTE PARAMETERS

localhost: 3000/book/2

```
app.get("/book/:id", (req, res) => {  
  let id = req.params.id  
  
  res.send("id is:" + id);  
});
```

ACTIVITY 1



05 MIN

Add a new parameter to the book request : color of the book

1 - USING QUERY PARAMETERS

2 - USING ROUTE PARAMETERS

2 ways to set parameters in a GET request

1 - USING QUERY PARAMETERS

localhost: 3000/book?id=2

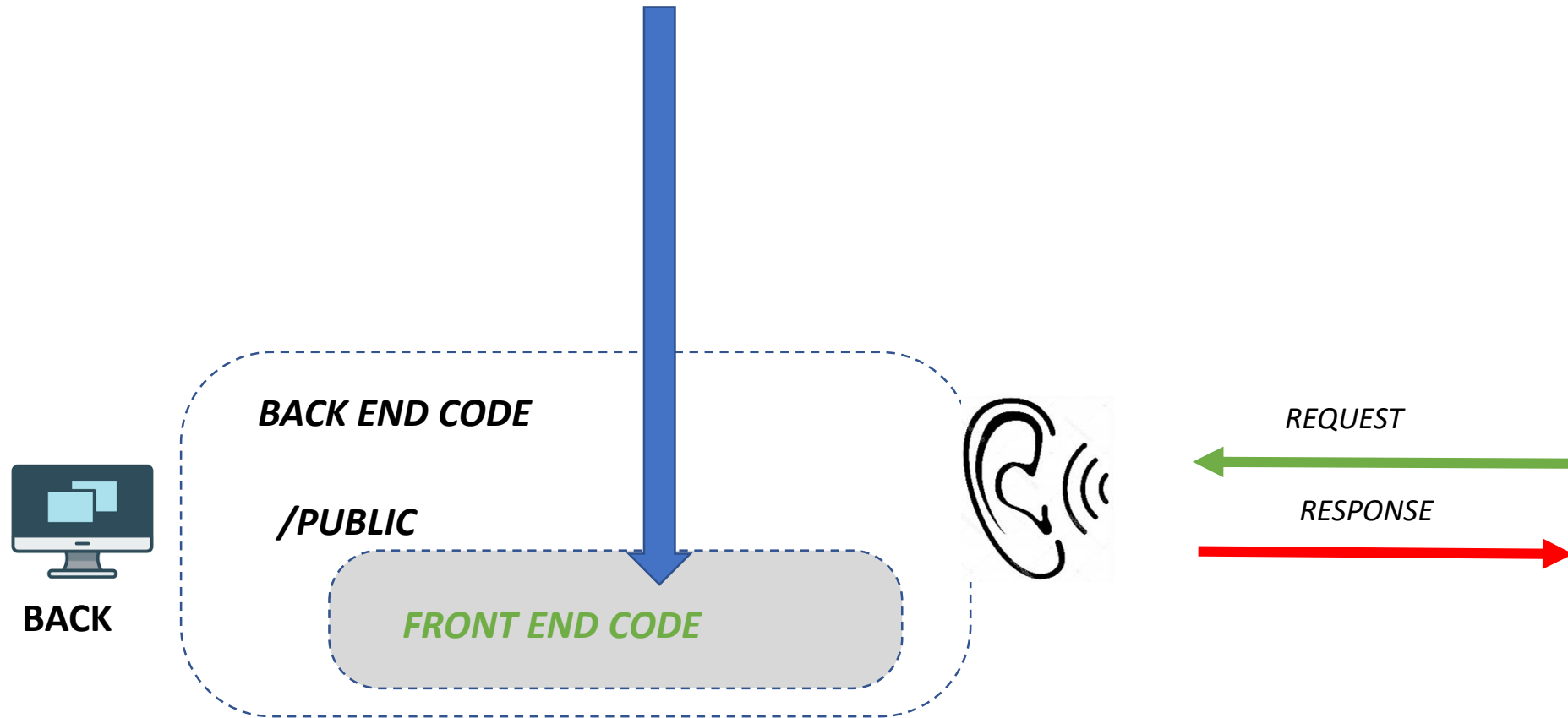
```
app.get("/book", (req, res) => {  
  let id = req.query.id  
  
  res.send("id is:" + id);  
});
```

2 - USING ROUTE PARAMETERS

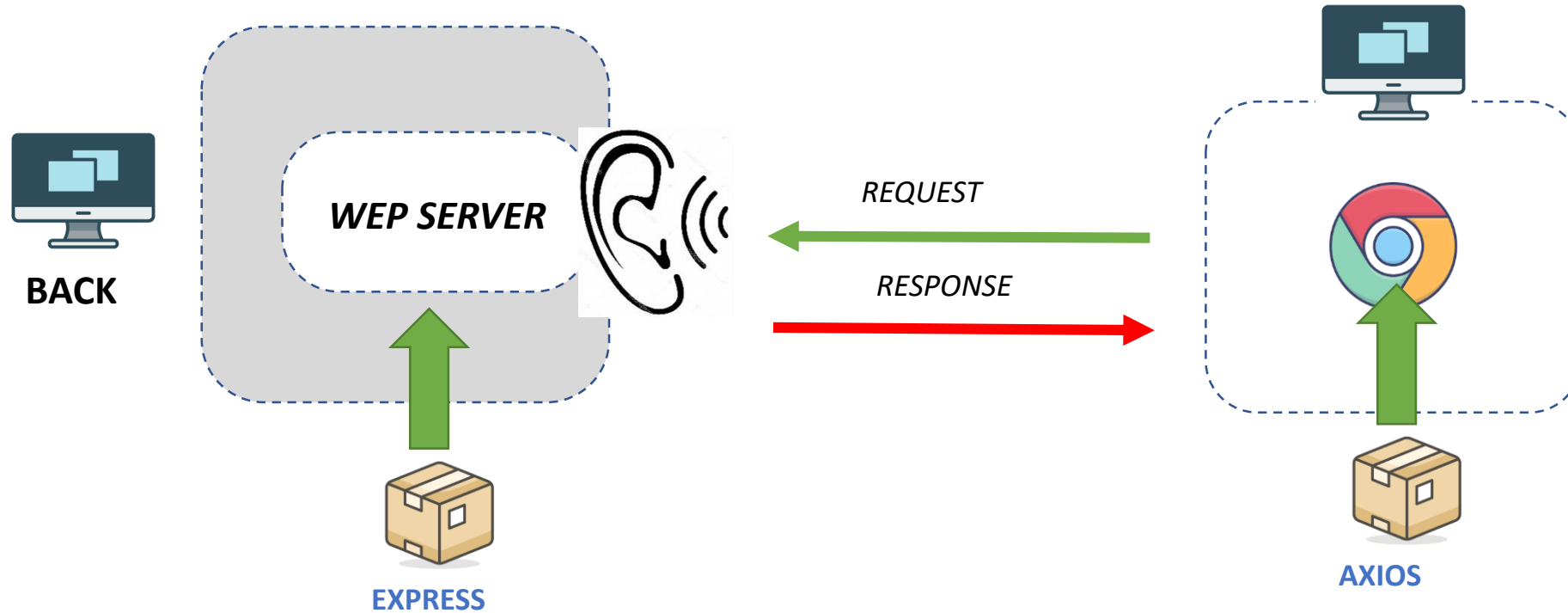
localhost: 3000/book/2

```
app.get("/book/:id", (req, res) => {  
  let id = req.params.id  
  
  res.send("id is:" + id);  
});
```

Let's put the FRONT code on the server



How to request to server on the **FRONT CODE** ?



1 - Request a GET to the server
with **AXIOS**

2 - Send response
with **EXPRESS**

SERVER

```
app.get("/book", (req, res) => {  
  let id = int(req.query.id);  
  res.send(books.id);  
});
```

CLIENT

```
axios.get(query).then((response) => {  
  let bookName = response.data;  
  
  label.textContent = bookName;  
});
```



HOW TO BUILD A GET QUERRY

QUERY =

http:// **SERVER IP** : **SERVER PORT** **PATH** ? **PARAMETERS**

```
let url = "http://" + <SERVER IP> + ":" + </SERVER PORT> + <PATH> + "?" <PARAMETERS>
```

ACTIVITY 2



05 MIN

EXPLANATION FROM TEACHER ?