## **Exercise 1:**

```
ison-schema for leboncoin:
      "title": "CAR",
      "type": "object",
      "properties": {
            "Price": {
                  "description": "Price",
                  "type": "Number",
                  "minimum": 0
            },
            "Brand": {
                  "type": "String"
                  //enum{133 nodes which are already listed in marque select of
LaCentrale site }
                  "Model": {
                        "description": "Modèle",
                        "type": "String"
                  }
            },
            "Year": {
                  "description": "Année",
                  "type": "Number",
                  "minimum": 1980
            "Kilometere": {
                  "description": "Kilométrage",
                  "type": "number",
                  "minimum": 0
            "Fuel": {
                  "description": "Carburant",
                  "type": "String"
                  //enum{Diesel, Essence}
            }
            "Gearbox": {
                  "description": "Boîte de vitesse",
                  "type": "String",
                  //enum{Manuelle,Automatique}
            }
            "Description": {
                  "description": "Description",
                  "type": "String",
            }
      },
      "required": ["Price",
"Brand", "Model", "Year", "Kilometre", "Fuel", "Gearbox"]
}
```

## Exercise 2:

```
json-schema for Code Argus:
     "title": "CAR",
     "type": "object",
     "properties": {
            "Brand": {
                  "type": "String"
                  //enum{133 nodes which are already listed in marque select of
     LaCentrale site }
                  "Model": {
                        "description": "Modèle",
                        "type": "String"
                  }
           },
            "Year": {
                  "description": "Année",
                  "type": "Number",
                  "minimum": 1980
            "Kilometere": {
                  "description": "Kilométrage",
                  "type": "number",
                  "minimum": 0
           }
            "Fuel": {
                  "description": "Carburant",
                  "type": "String"
                  //enum{Diesel, Essence}
            "Gearbox": {
                  "description": "Boîte de vitesse",
                  "type": "String",
                  //enum{Manuelle,Automatique}
            }
            "Finishing": {
                  "description": "Finition",
                  "type": "String",
           "Number of doors": {
                  "description": "Nbr de porte",
                  "type": "String",
            "Power": {
                  "description": "Puissance",
                  "type": "String",
           }
     },
     "required": ["Brand", "Model", "Year", "finishing"]
```

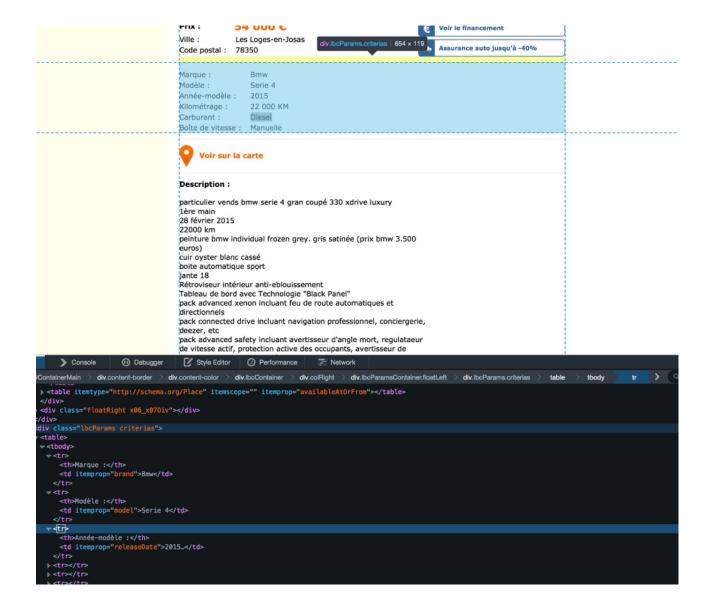
## Exercise 3:

And the workflow will be like this:

- 1. We get the link(url) which is from leboncoin website.
- 2. Exporting data from le bonbon : We start the server part which is :
  - 1. Get the details on leboncoin site, which are accessible by using Document.querySelector(.nameOfClass).

    For example for the Price, we can find it out on the html file with the class which is named: 'price'.

    All the other information are put in a table('lbcParams criterias' class) and we can export its data from the number of the row. First row is (at the second cell) there is Model value etc...



3.We create the JSON file. And we have to add Finishing characters to it.

4.We have to do a research on the LaCentral site and find the specific car with the same or close to our element on Leboncoin.
5.By the result on LaCentral site, we determine the Code Argus.
6.Then on our site we put a message to say that price is normal or not.