Env :

1) Git Bash : terminal / console / bash
cmd / invite de cmd
→ permet d'executer les cmds Unix
(pwd, mkdir, cd. — - - -)

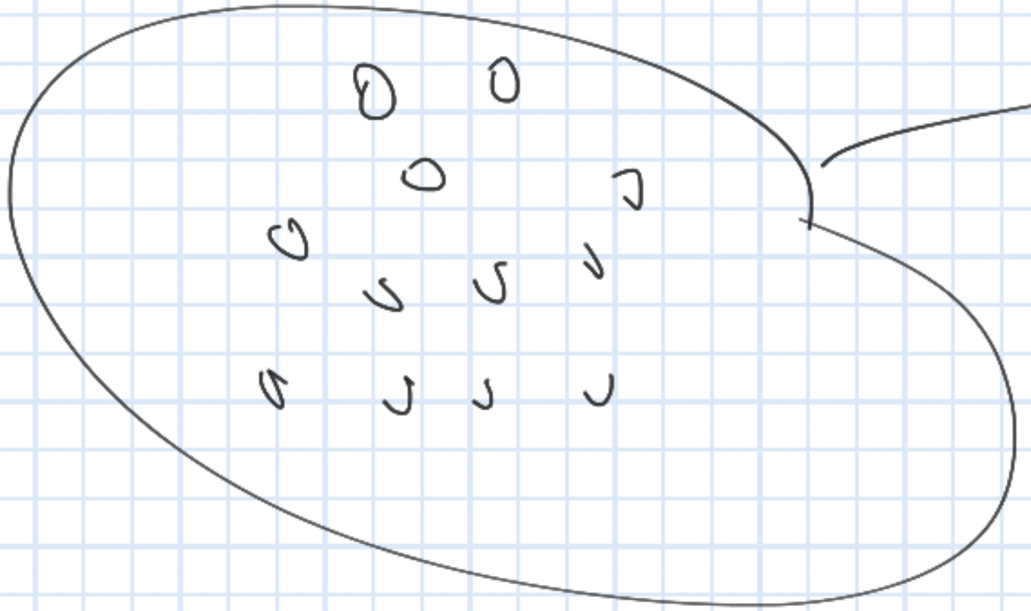
$ pwd ↵ → réponse

2) NodeJS : Env d'exécut° du code JS en dehors du Browser (navigateur)

(Runtime Env)

Chrome | Firefox | IE | Opera

Safari Edge



3) NPM

Node Package Manager

(Gestionnaire de packages)

install update uninstall

Angular

4) npm install -g @angular/cli@8.1

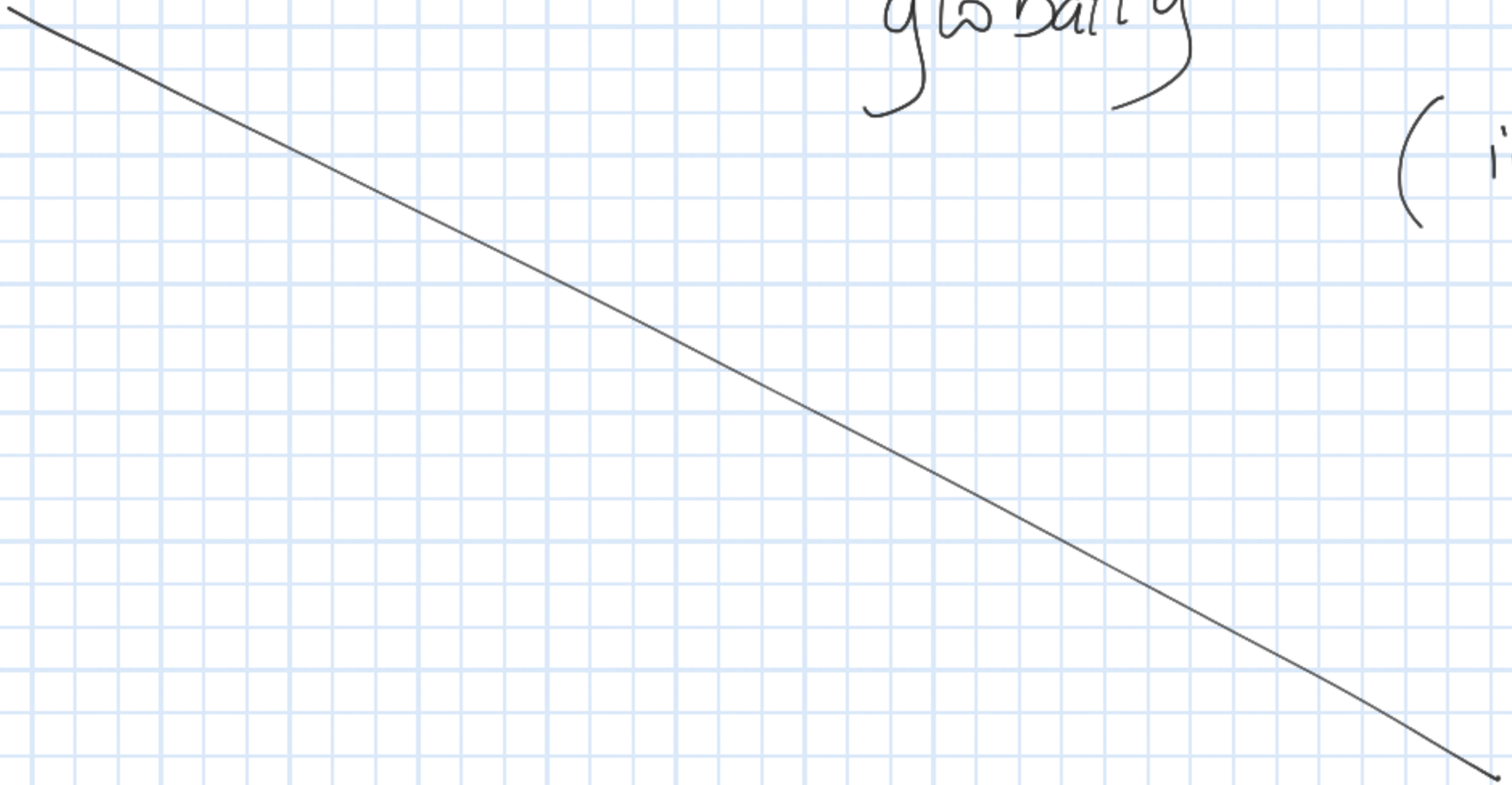
i

globally

version

package

(install last version)



$ ng new No—Project

> routing ? y

> stylesheet ? CSS

⋮

} importer / download node_modules

$

$ Se pointer sur le projet (pwd)

$ ng s -o

spot

$ ng s -o

VScode

$ ng s -o --port=4202

compiled ✓ — Play

ng ~~g~~ - -

Compiled ✓

http://localhost:4200

HyperText Transfert Protocol

serveur local

Port

URL de base

http://localhost:4200/login/ path /

http://localhost:4200/product/ :id params

app-routing.module.ts : fichier de déclarat° des paths

```
[
  { path: 'signin', component: LoginComponent },
]
```

(Pascal Case)

nom du Component

var
let

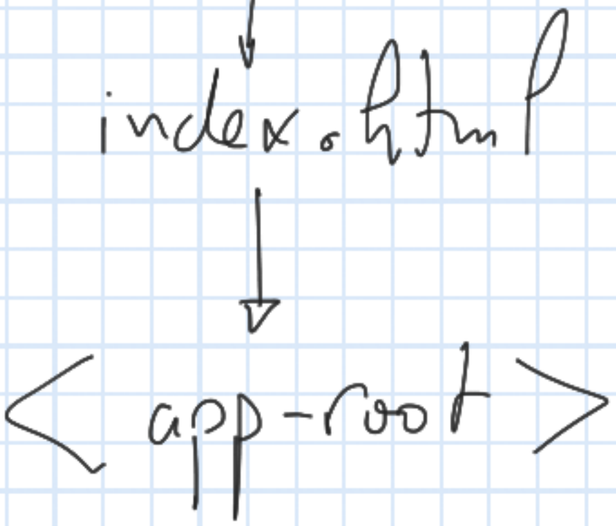
isAdded = true;

camelCase

funch

getUserInformal ( ) { }

SPA : Single Page Applicat

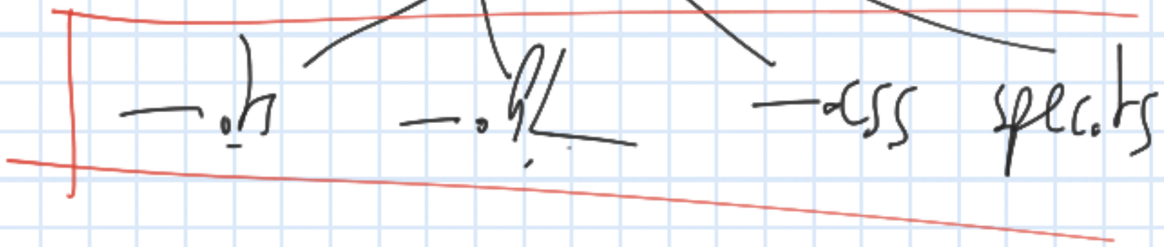


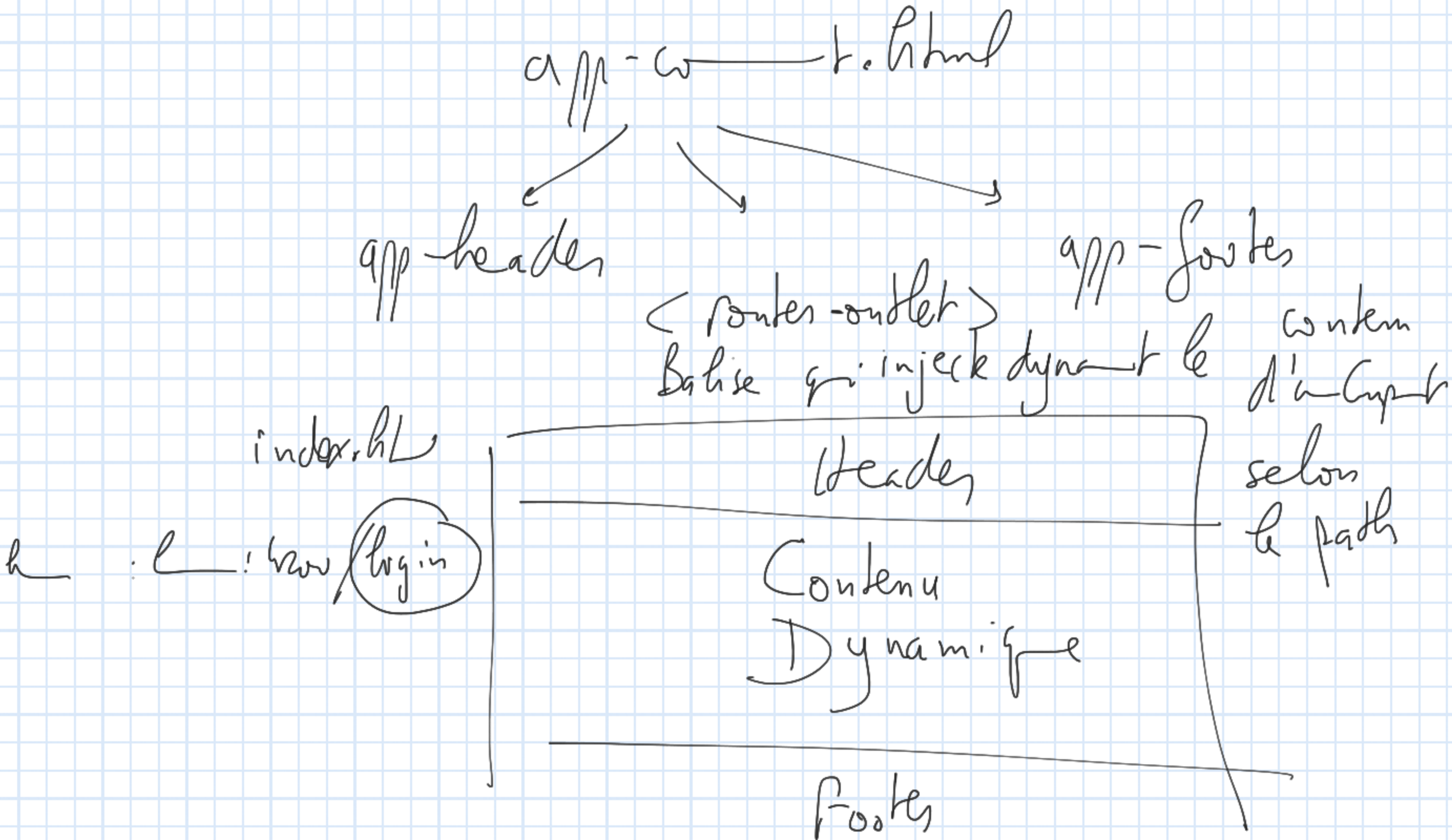
Selector du Compt Principal

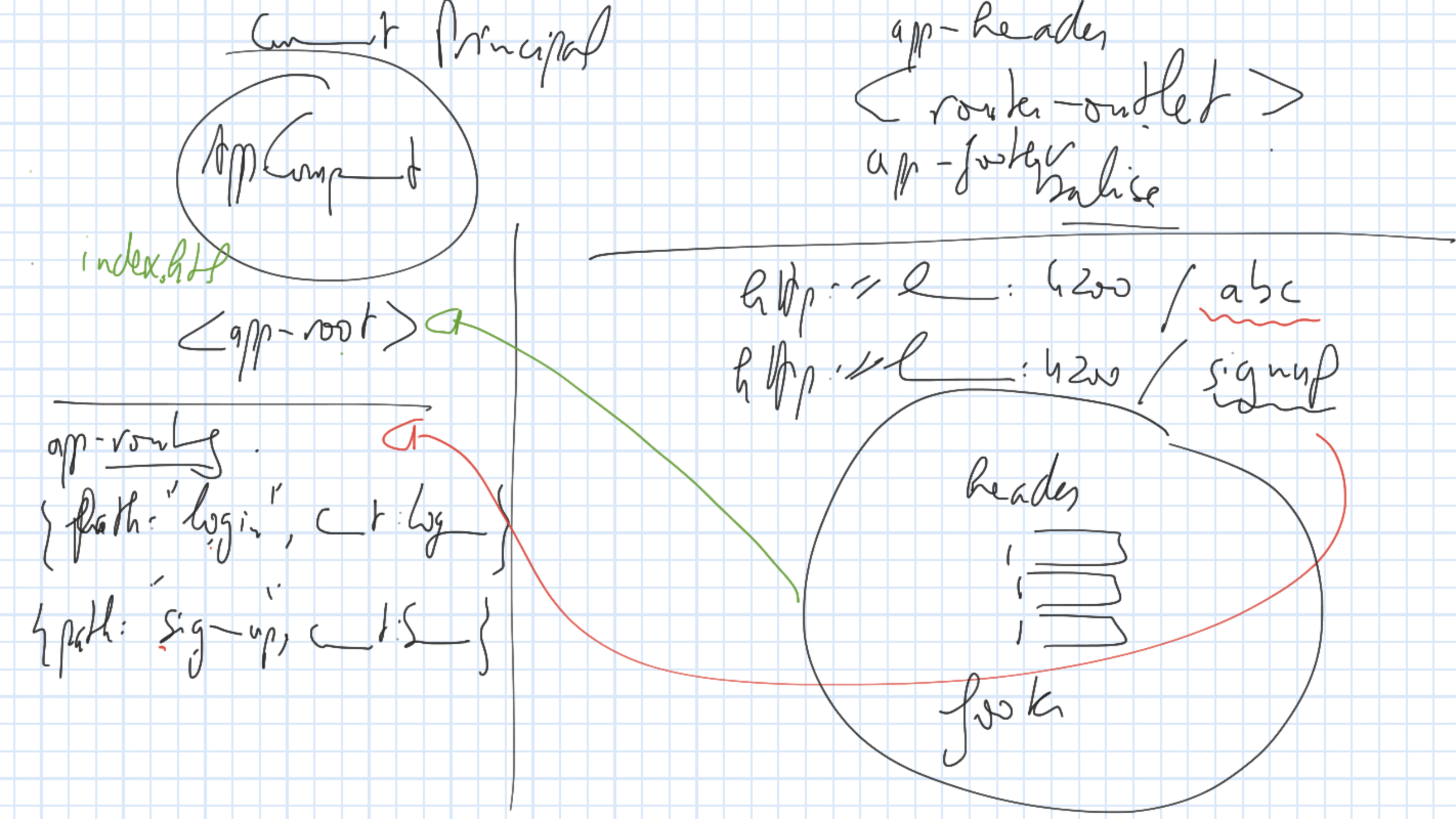
app.module.ts

app-routing.ts

App Compt




app-co——t.html
app-header
app-footer
<router-outlet>
Balise qui injecte dynamiquement le contenu d'un Component selon le path
index.html
Header
Contenu Dynamique
Footer


Current Principal
AppComponent
index.html
<app-root>
app-routing
{path: 'login', cmt: Lg}
{path: 'sig-up', cmt: S}
app-header
<router-outlet>
app-footer
Balise
http://localhost:4200/abc
http://localhost:4200/signup
Header
Work

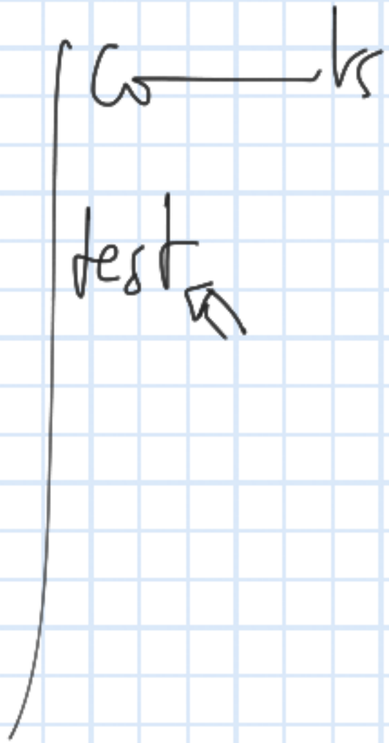
{ path: '' , component: HomeComponent }

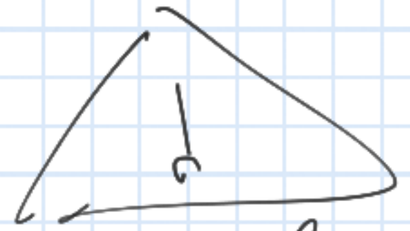
- src
  - app
    - components
    - pipes
    - services

$ se pointer sur le dossier components

$ ng g c NomComponent

Drag & Drop

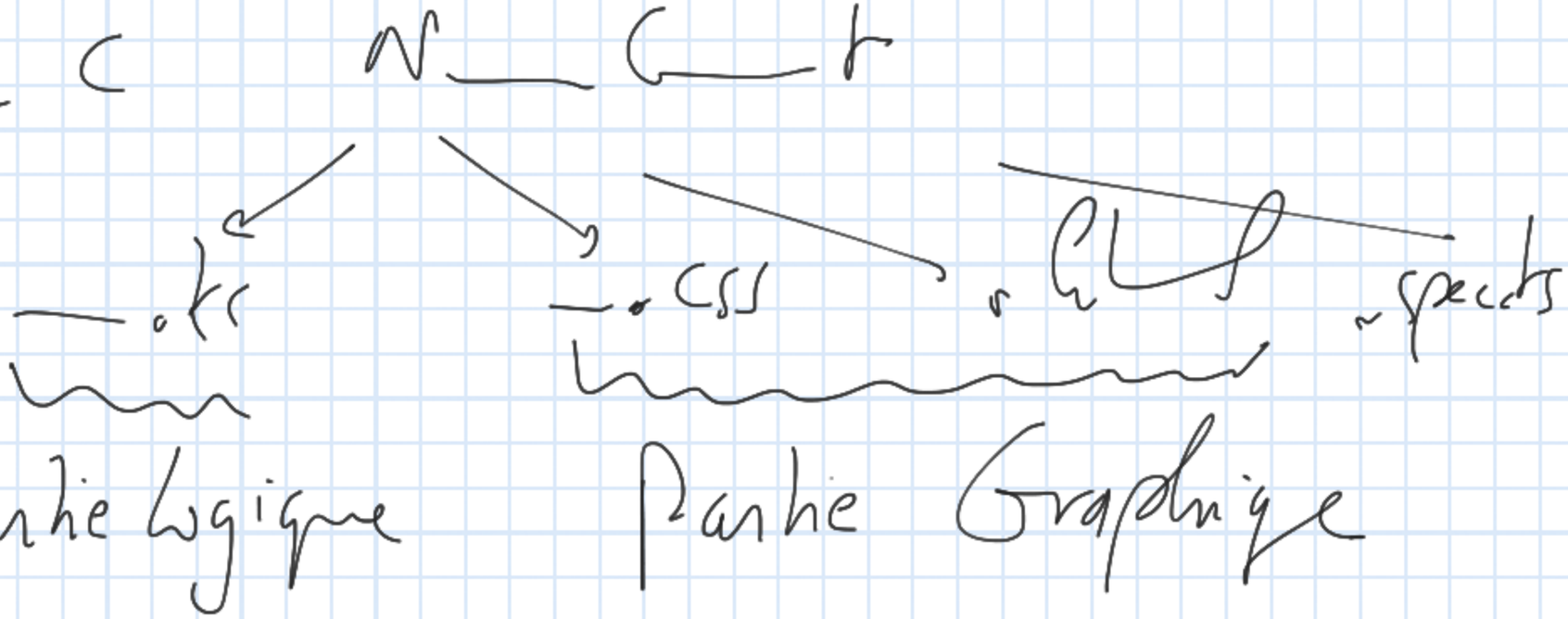




vérifier

app.module.ts

$ ng g c



Partie Logique

Partie Graphique

Angular : Framework

Cadre de travail
-squelette prédéfinie

FrontEnd

partie visible au client
Client side

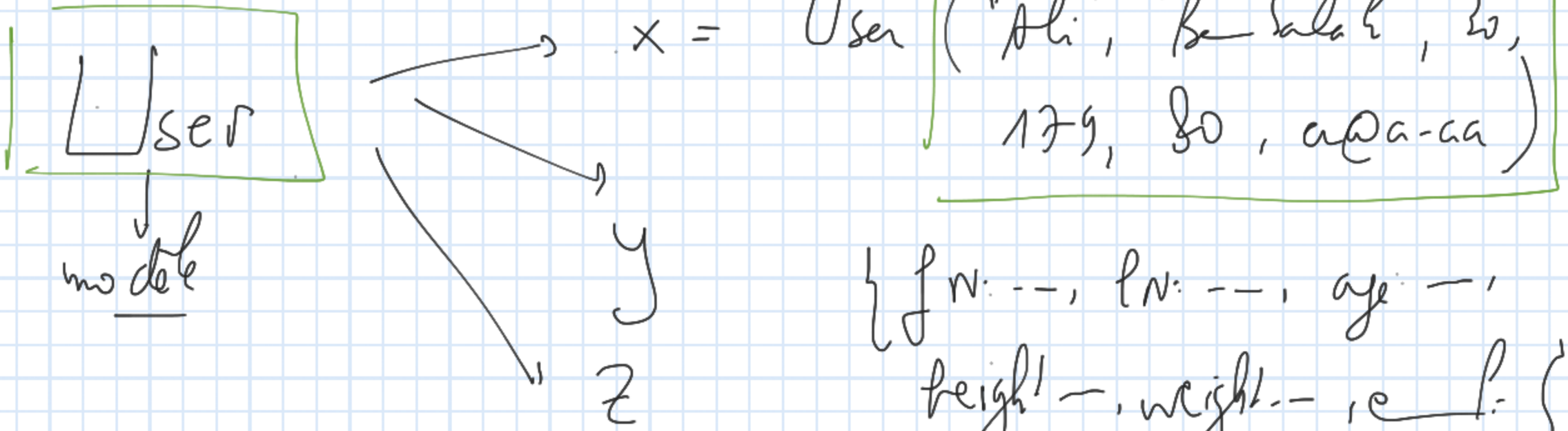
JS

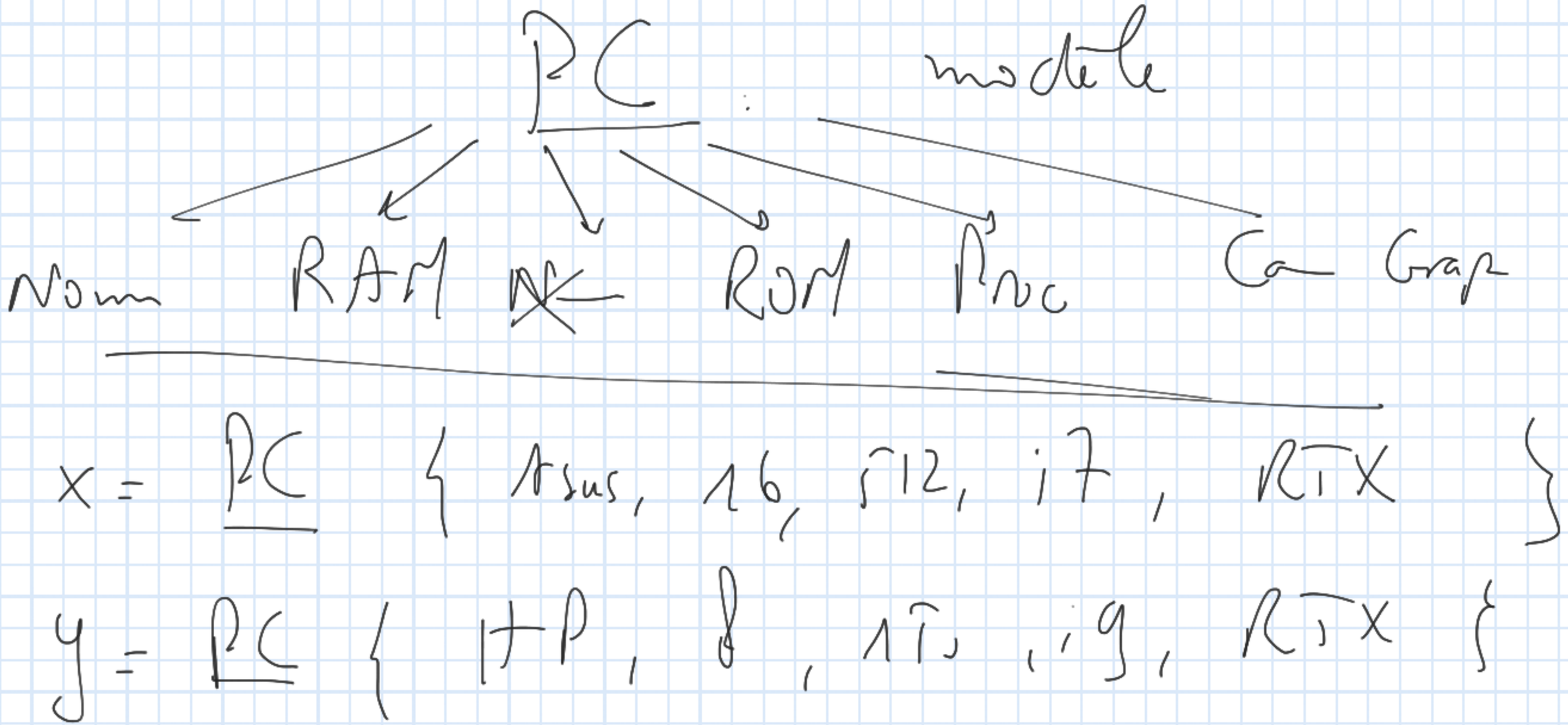
Composant : une classe réutilisable ayant

- une partie graphique (.html + .css)
- une partie logique (.ts)

→ un bloc réutilisable d'une page web ayant une partie Gr et une partie Lg

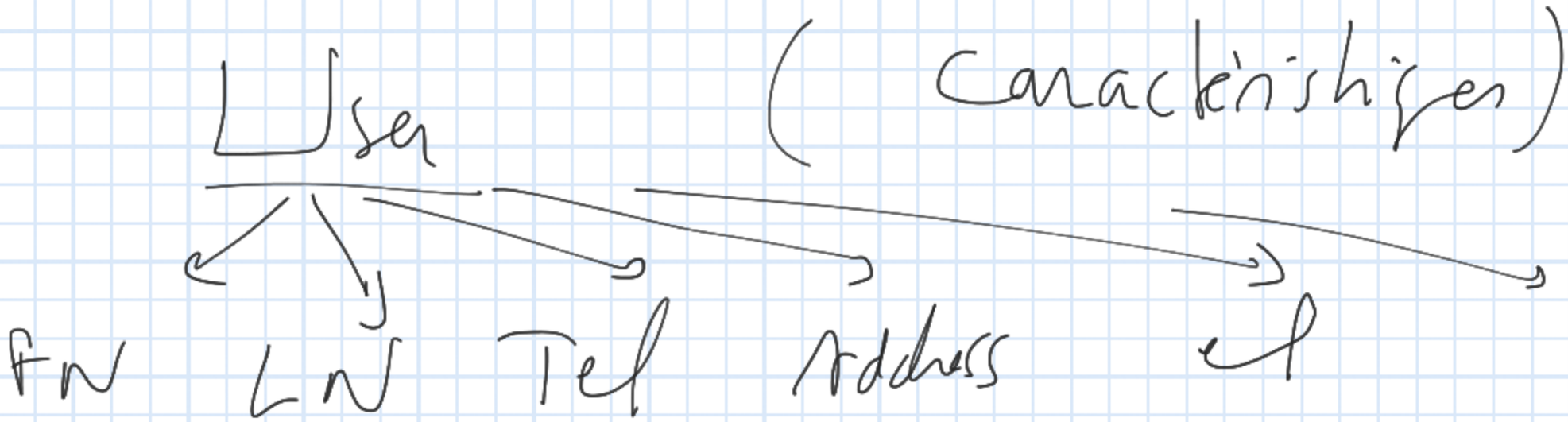
— e classe : — e modélisat° d'— objet de la vie réelle ayant des méthodes et des attributs.





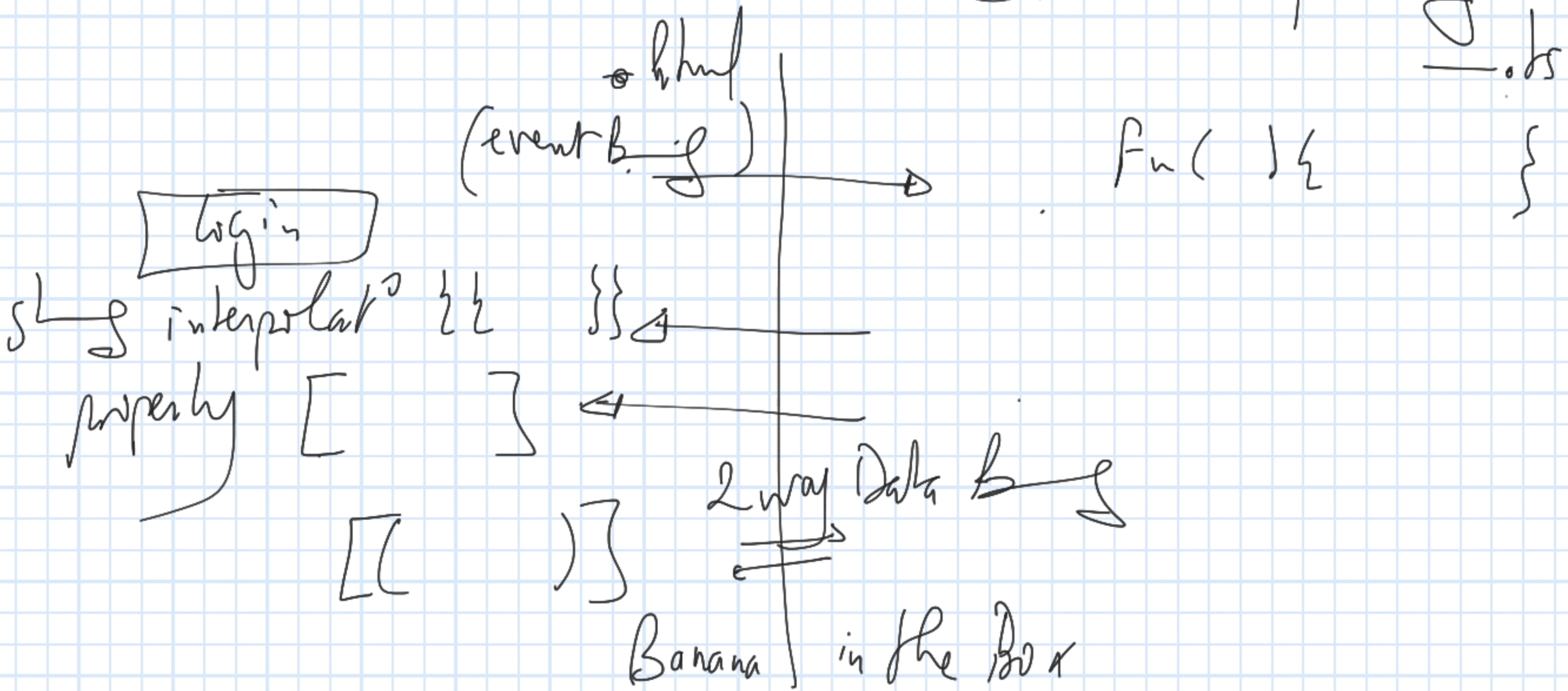
x = PC { Asus, 16, 512, i7, RTX }

y = PC { HP, 8, 1T, i9, RTX }



- login
- Signup
- search

Binding (liaison entre la partie Or et la partie Ig)



——— .ts

```
@Cmp—t(
  { selector: — — ,
    templateUrl: — — ,
    styleUrls: [ ]
  })
```

——— .html

```
<p class="red">
```

———

.red { — .css

```
  color: "red";
}
```