<u>Open template through cmd</u>

<u>Install quasar</u>

install node

install python

install quasar->

```
$ npm i -g @quasar/cli
```

```
$ npm init quasar
```

Move inside folder cd …

```
cd projectname
```

Run app in browser

```
quasar dev
```

Run app for desktop (electron)

```
quasar dev -m electron
```

Run python code with frontend ->command

```
npm run dev:be
```

Vue.js→ build using→ TEMPLATE+Scripts+Style

Postgress DB Integration:

Src-electron>database

1. Config.js: Change postgress credentials

```
const config = {
  host: 'localhost',
  port: 5432,
  username: 'postgres',
  password: 'postgres',
  database: 'news',
}

export const connectionString = `postgres://${config.username}:${config.password}@
```

2. Models>users.js: [write code to create the table] →you can create directly using pgadmin4
3. Index.js :

uncomment and run only First time-> user.js[create table] ->database

```
// sequelize.sync(
    //   { force: true }
    // );
```

4. Pages>login.vu

uncomment and run only First time->

```
// API("auth.createUser", { username: "sample", password: "123", role: "user" });
```

----

how pass data from python to Controller using Socket

python->(node)controller->frontend

(node)controller->frontend

backend Node

client listen on "numbers" url -> actually gives path

```
client.on("numbers", (data) => {
  console.log({
    data
  })
  resolve(data);
})
```

if data receive, Then emit (emit means get data from python)

```
client.emit("getNumbers");
```

then

```
export default {
  getUserNames,
  getNumbers
}
```

backend Python

```
@sio.event
def getNumbers():
    numbers = []
    for i in range(30):
        numbers.append(i)
    sio.emit("numbers", numbers)
```

How creates Controller in node

Controller unable us to transfer data from backend to frontend

1. Go to src-controlers>controllers
2. Create page2_controler.js

And write inside page2_controler.js

```js
const getUserNames = ({ token, name }) => {
  console.log(token, name)
  return ["john", "cena", "batista"];
}

export default {
  getUserNames
}
```

3. Go to controlers>index.js and import

```js
import home from './homeController';
```
and give it's name ->home

```js
const controllers = {
  auth,
  home
};
```

How Call Method in page.vu

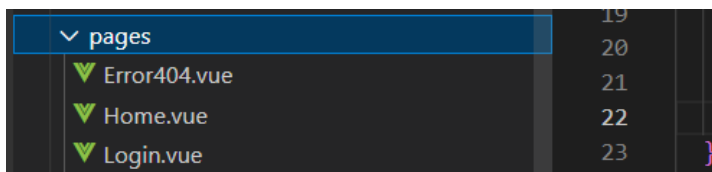As Vu.js file build using→ TEMPLATE+Scripts+Style

```html
<template>
</template>

<script>

  mounted() {
    API('home.getNumbers', {}).then(res => {
      console.log(res);
    })
  }
```
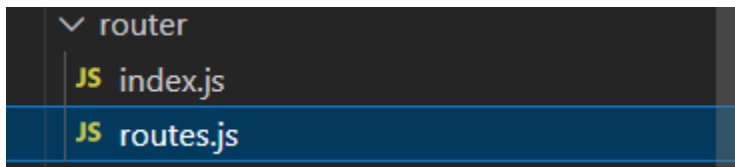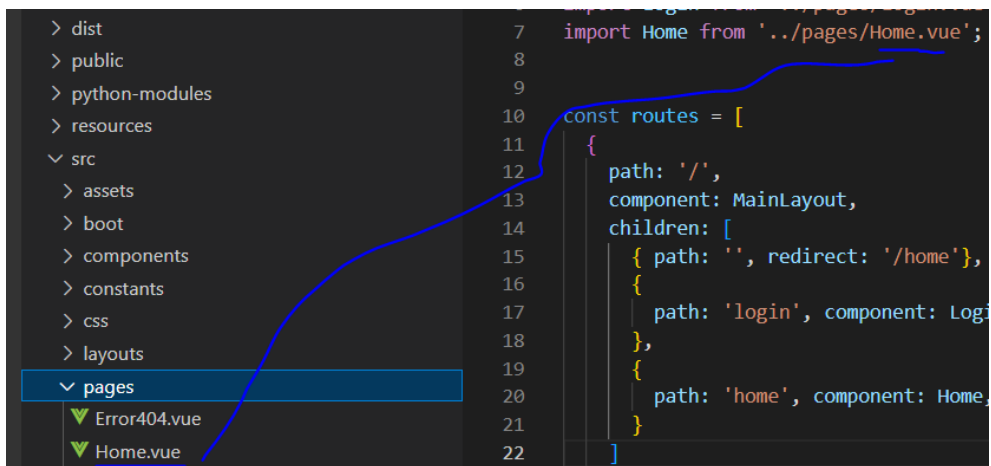
```
</script>
```

How add page and define rout

1. Add page

```
∨ pages
   V Error404.vue          19
   V Home.vue              20
   V Login.vue             21
                           22
                           23        }
```

2. Define rout for this page

```
∨ router
   JS index.js
   JS routes.js
```

3. Import page

```
> dist                7    import Home from '../pages/Home.vue';
> public              8
> python-modules      9
> resources           10   const routes = [
∨ src                 11     {
  > assets            12       path: '/',
  > boot              13       component: MainLayout,
  > components        14       children: [
  > constants         15         { path: '', redirect: '/home'},
  > css               16         {
  > layouts           17           path: 'login', component: Logi
  ∨ pages             18         },
    V Error404.vue    19         {
    V Home.vue        20           path: 'home', component: Home,
                      21         }
                      22       ]
```

4. Add rout name against page

```
{
   path: 'home', component: Home, meta: { auth: true }
}
```