Workshop / Course : Coding

Overview

Javascript
PHP

Python
Java
asp

Web apps

swift
java
javascript
kotlin

Mobile apps

C#
Java
Python
C++
C
Javascript
...

Desktop/Serveur apps

- Blog
- News website
- Social media
- Games
- Plateforme (Saas)
- Ecommerce
...

- Games (playstore / appstore)
- News apps
- Tools apps
.....

- Games (steam)
- Office apps (pdf, microsoft office)
- Tools apps
- Managing apps (stock, rendez-vous)
- POS (point of sale) apps
- Automating apps
- Robotics (arduino, electronics)
....

Domains that help in coding :

- Communication (lire, et écrire , et les langues) : écrits exemple: Cahier de charge , Documentation , Facture , Devis, Email , oral exemple : appel , présentations ... (obligatoire)
- Design : UI , UX , Maquette , Drawings , Graphics (ai,ps..)

- Marketing (SEO websites,Mobile apps seo,Copywriting,Ads ...) (optionnel)
- Maths : algebra , statistics, proba (optionnel)

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Coding :

- Algorithms (Optionnel)
- Programming languages : C , PHP , C# , Javascript
- Les platformes (web, mobile, desktop , ...)

- Databases (Les bases de données)
- Server management (Dev ops) : Linux, Commands ..

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Web development : Front end , back end

HTML : design , create , document on the web (page static) , like word
documents

It can be assisted by technologies such as Cascading Style Sheets (CSS)
and scripting languages such as JavaScript.

CSS : design html page (web design)

Javascript : make html page dynamic (programs , games ..) , language
that works in all platforms , used mostly in web developement (local pc)

PHP: make html pages dynamic (serve)

Developpeur web

Fullstack ⎛ Front end : HTML , css , javascript (optionnel)
⎝ Backend : PHP, Javascript , (serveur)

Front end - back end -
fullstack (2)

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Web development (architecture) :
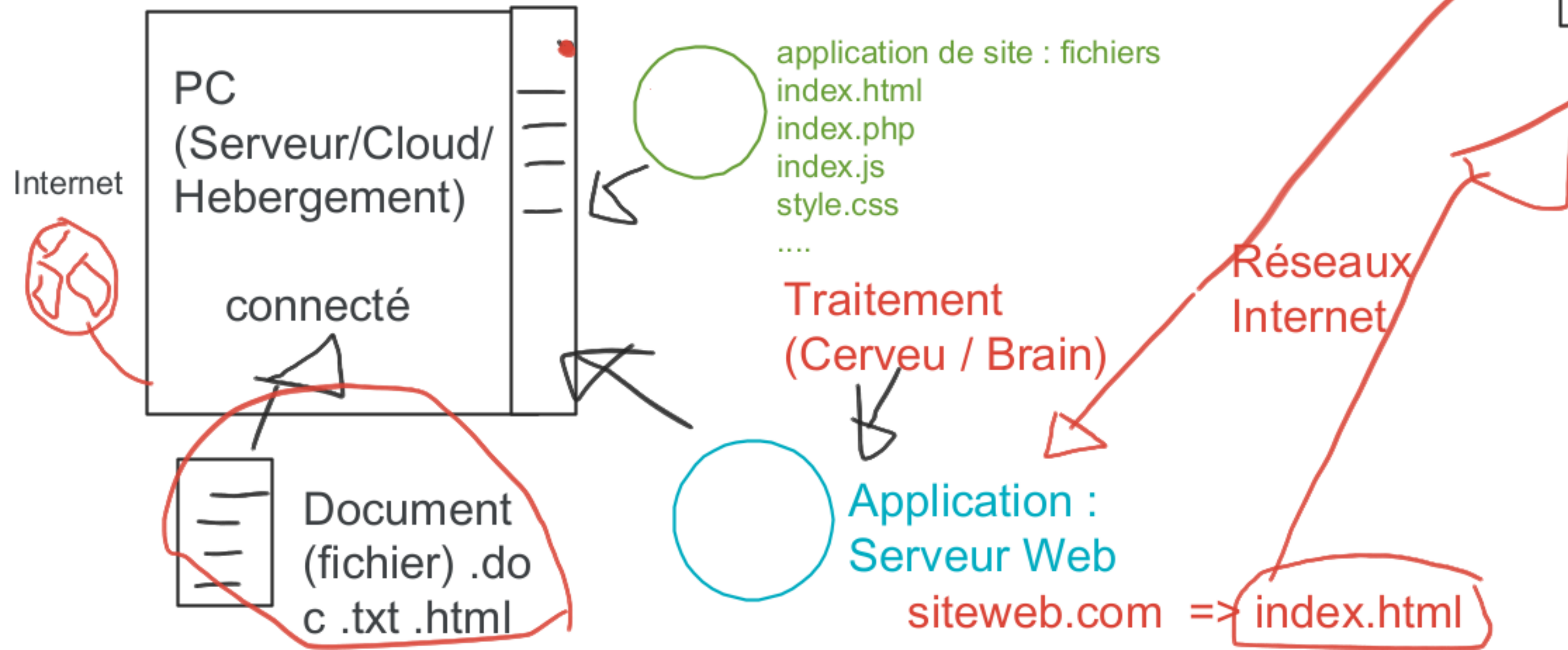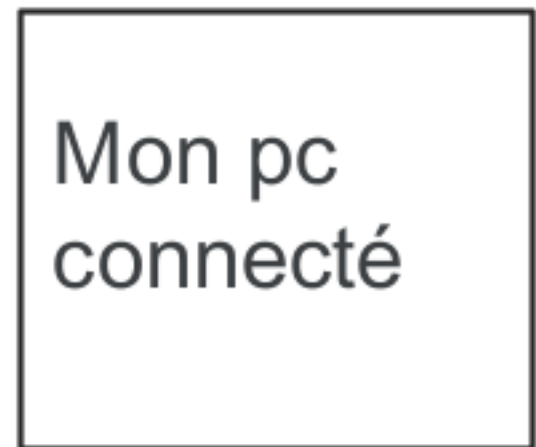
adresse ip: 175.76.22.33

siteweb.com

Serveur/Cloud:
PC (or phone) + internet + application web server (configurable) + application (developped by the developer)

adresse : siteweb.com
adresse ip: 175.76.22.33

Mon pc
connecté

PC
(Serveur/Cloud/
Hebergement)

application de site : fichiers
index.html
index.php
index.js
style.css
....

Internet

connecté

Traitement
(Cerveu / Brain)

Réseaux
Internet

Document
(fichier) .do
c .txt .html

Application :
Serveur Web
siteweb.com => index.html

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Javascript

Programmation

Variables

Types des variables : int, float, double

x , y , z , j ..

Valeur

Types des valeur : int, float, double

Fonctions