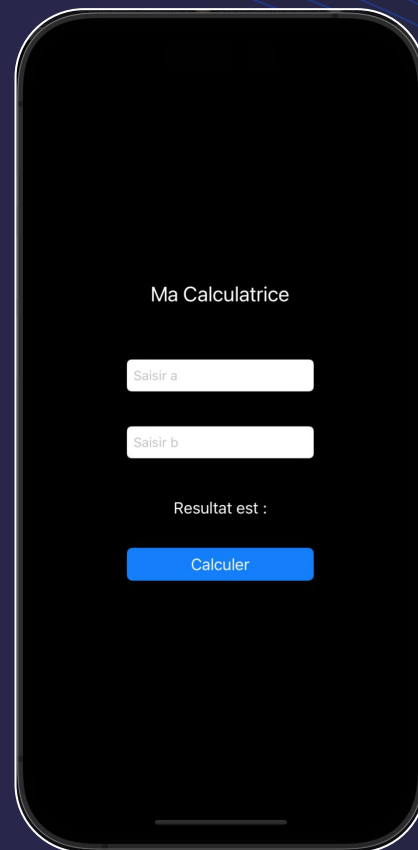


Travaux Pratiques

- Docker
- Docker-compose
- **Serveur Web Ngnix**
- **Application PWA**



Etapes.

- Création d'un fichier docker-compose.yml
- Définition du service NGINX
- Création d'une calculatrice en HTML/CSS/JS
- **Création du fichier "manifest.json"**
- **Création d'un fichier "serviceWorker.js"**

Création d'un fichier docker-compose.yml

```
Services:
  Service A:
    clé1: "valeur"
    clé2: "valeur"

  Service B:
    clé1: "valeur"
    clé2: "valeur"
```

Service

NGINX

```
web:
  image: nginx
  expose:
    - "80"
  volumes:
    - ./code:/usr/share/nginx/html
  ports:
    - 80:80
```

Création d'un fichier manifest.json 1/3

```
{  
  "name": "Dev'Hetic",  
  "short_name": "DevHetic",  
  "start_url": "index.html",  
  "display": "standalone",  
  "background_color": "#fdfdfd",  
  "theme_color": "#db4938",  
  "orientation": "portrait-primary",  
  "icons": [  
    {  
      "src": "/images/icons/icon-72x72.png",  
      "type": "image/png",  
      "sizes": "72x72"  
    },  
    {  
      "src": "/images/icons/icon-96x96.png",  
      "type": "image/png",  
      "sizes": "96x96"  
    },  
  ],  
}
```

Création d'un fichier manifest.json 2/3

```
{  
  "src": "/images/icons/icon-128x128.png",  
  "type": "image/png",  
  "sizes": "128x128"  
},  
{  
  "src": "/images/icons/icon-144x144.png",  
  "type": "image/png",  
  "sizes": "144x144"  
},  
{  
  "src": "/images/icons/icon-152x152.png",  
  "type": "image/png",  
  "sizes": "152x152"  
},  
{  
  "src": "/images/icons/icon-192x192.png",  
  "type": "image/png",  
  "sizes": "192x192"  
},
```

Création d'un fichier manifest.json 3/3

```
{  
  "src": "/images/icons/icon-384x384.png",  
  "type": "image/png",  
  "sizes": "384x384"  
},  
{  
  "src": "/images/icons/icon-512x512.png",  
  "type": "image/png",  
  "sizes": "512x512"  
}  
]  
}
```

Création d'un fichier serviceWorker.js 1/2

```
const staticDevCoffee = "dev-coffee-site-v1";  
const assets = [  
  "/",  
  "/index.html",  
  "/css/style.css",  
  "/js/script.js",  
];
```


Création d'un fichier serviceWorker.js 2/2

```
self.addEventListener("install", installEvent => {  
  installEvent.waitUntil(  
    caches.open(staticDevCoffee).then(cache => {  
      cache.addAll(assets);  
    })  
  );  
});  
  
self.addEventListener("fetch", fetchEvent => {  
  fetchEvent.respondWith(  
    caches.match(fetchEvent.request).then(res => {  
      return res || fetch(fetchEvent.request);  
    })  
  );  
});
```