# TD 1 : Etude API et Clients

## Etude :

1.Etuder l'API GitHub : https://developer.github.com/v3/

2.Etudier une API Meteo : http://openweathermap.org/forecast5

## Lister des requetes possibles :

1.

| GIT | METEO |
|---|---|
| • Create a new repository | • Current weather data |
| • add & commit | • 5 day / 3 hour forecast |
| • branching | • 16 day / daily forecast |
| • update & merge | • Historical data |
| • tagging | • Weather stations |
| • log | • Weather map layers |
| • replace local change | . |

## METEO

**3. Les requettes POST :**
   -

**4. Les requettes GET :**
   - api.openweathermap.org/data/2.5/forecast?q={city name},{country code}
   - api.openweathermap.org/data/2.5/forecast?id={city ID}
   - api.openweathermap.org/data/2.5/forecast?lat={lat}&lon={lon}

**5.** Commande :
https://api.github.com/user?access_token=79a2ab0051675cd11ee6f4b8d0bf2335bb2543f0

## Conception application cliente

**1.**

Call 5 day / 3 hour forecast data :

### By city name :

- api.openweathermap.org/data/2.5/forecast?q={city name},{country code}

### By city ID :

- api.openweathermap.org/data/2.5/forecast?id={city ID}

### By geographic coordinats :

- api.openweathermap.org/data/2.5/forecast?lat={lat}&lon={lon}

**2.**

**Mobile :**
- Call 5 day / 3 hour forecast data (By city name,By city ID,By geographic coordinats)

**Web :**
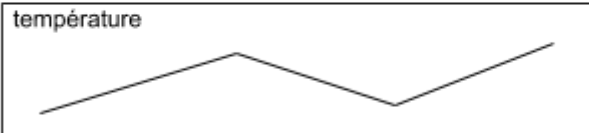- Call 5 day / 3 hour forecast data (By city name,By city ID,By geographic coordinats)

**3.**

**Mobile :**

App Weather

Ville : Cannes ..

Meteo des 5 prochains jours

température

14c° Jeudi
23c° Vend

14c° Jeudi
23c° Vend

14c° Jeudi
23c° Vend

14c° Jeudi
23c° Vend

**Web :**

## App Weather

Ville : PARIS

Meteo des 5 prochains jours
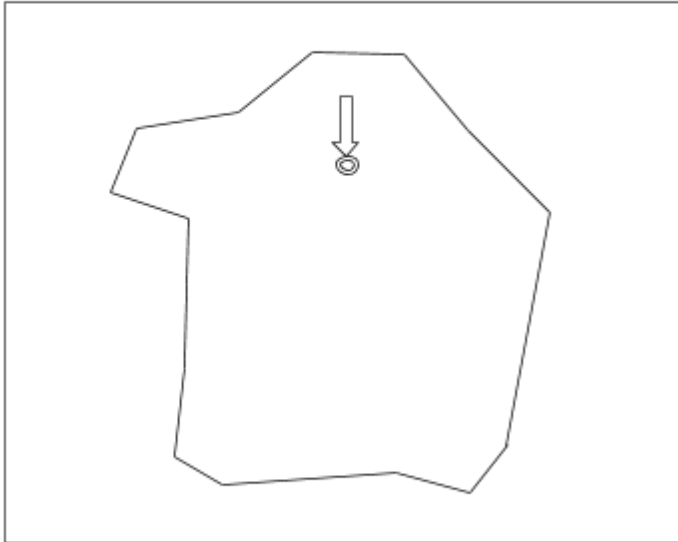
Choix de la ville :

| PARIS | PARIS |
|-------|-------|
| LONDRE | LONDRE |
| PARIS | PARIS |
| LONDRE | LONDRE |
| PARIS | PARIS |
| LONDRE | LONDRE |

14c° Jeudi
23c° Vend

14c° Jeudi
23c° Vend

| L 14c° | M 14c° | M 14c° | J 14c° | V 14c° |
|--------|--------|--------|--------|--------|

température