TD1 : 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)
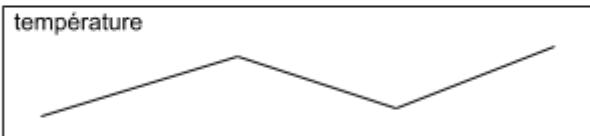
3.

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
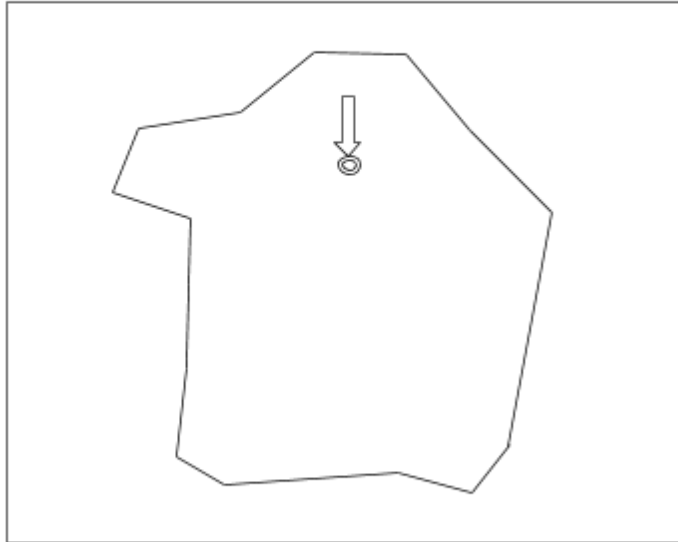
Choix de la ville :

PARIS	PARIS
LONDRE	LONDRE
PARIS	PARIS
LONDRE	LONDRE
PARIS	PARIS
LONDRE	LONDRE

14c° Jeudi
23c° Vend

14c° Jeudi
23c° Vend

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

température