

CORRECTION CSV

DATE,HEURE,LONGITUDE,LATITUDE,MAGNITUDE,REGION

1)

```
carte=folium.Map(location=[38.7222524,-9.1393366],zoom_start=2)
for i,j in enumerate(donnees):
    latitude=float(j["Latitude"])
    longitude=float(j["Longitude"])
    folium.Marker([latitude,longitude],popup= j["Region"] + " " + "Magnitude:" +
j["Magnitude"] + " " + j["Date"] + " "+j["Heure"]).add_to(carte)
carte.save('maCarte1.html')
```

2)

```
carte=folium.Map(location=[38.7222524,-9.1393366],zoom_start=2)
for i,j in enumerate(donnees):
    if float(j["Magnitude"])>4:
        latitude=float(j["Latitude"])
        longitude=float(j["Longitude"])
        folium.Marker([latitude,longitude],popup= j["Region"] + " " + "Magnitude:" +
j["Magnitude"] + " " + j["Date"] + " "+j["Heure"]).add_to(carte)
carte.save('maCarte2.html')
```

RANG,MAGNITUDE,NOM,DISTANCE,DECLINAISON,CONSTELLATION

3)a)

```
for i,j in enumerate(donnees):  
    if float(j["Magnitude"])<1:  
        tab.append(j["Nom"])
```

b)

```
somme=0  
for i,j in enumerate(donnees):  
    if j["Constellation"]=="Orion":  
        somme+=1  
        tab.append(j["Nom"])  
tab.append(somme)
```

4)a)

```
for i,j in enumerate(donnees):  
    if float(j["Declinaison"]>38.7-90:  
        tab.append(j["Nom"])
```

b)

```
for i,j in enumerate(donnees):  
    if float(j["Declinaison"]>90-38.7:  
        tab.append(j["Nom"])
```