

2022 sujet 18

Exercice 1

```
t_moy = [14.9, 13.3, 13.1, 12.5, 13.0, 13.6, 13.7]
annees = [2013, 2014, 2015, 2016, 2017, 2018, 2019]
```

```
def mini(releve, date):
    d = date[0]
    r = releve[0]
    for i in range(len(releve)):
        if releve[i] < r:
            r = releve[i]
            d = date[i]
    return r, d
```

Exercice 2

```
def inverse_chaine(chaine):
    result = ""
    for caractere in chaine:
        result = caractere + result
    return result

def est_palindrome(chaine):
    inverse = inverse_chaine(chaine)
    return chaine == inverse

def est_nombre_palindrome(nombre):
    chaine = str(nombre)
    return est_palindrome(chaine)
```