

Nom, Prénom :

NSI1

09/2021

Interrogation 02

Qu'affiche chacun des scripts suivants?

Code Python

```
login = 'treizelettres'  
print(login[:2])
```

- ☐ a. 'es'
- ☐ b. 'eizelettres'
- ☐ c. 'tr'

Code Python

```
a = 5  
b = 7  
print(a > 7 or b < 2)
```

- ☐ a. True
- ☐ b. False
- ☐ c. Il génère une erreur

Code Python

```
a = 2  
print(a == 2 and a != 2)
```

- ☐ a. True
- ☐ b. False
- ☐ c. Il génère une erreur

Code Python

```
a = 2  
b = 3  
if a > 3:  
    b = b - 7  
if b > 0:  
    b = b + 1  
print(b)
```

- ☐ a. 3
- ☐ b. 4
- ☐ c. -3

Code Python

```
a = 5  
b = 8  
if a == 5 or b == 6:  
    b = b - 2  
b = b - 1  
print(b)
```

- ☐ a. 8
- ☐ b. 5
- ☐ c. rien

Code Python

```
a = 2  
b = 12  
if a == 2 and b == 10:  
    b = b + 2  
    a = a + 1  
print(a)
```

- ☐ a. 2
- ☐ b. 3
- ☐ c. Rien

Code Python

```

prenom = 'Marguerite'
if prenom[0] == 'K':
    corr = 0
elif prenom[1] == 'a':
    corr = 1
else:
    corr = -1
print(corr)

```

- ☐ a. 0
- ☐ b. 1
- ☐ c. -1

Code Python

```
a = 30
b = 10
if a > 40 and b > 5:
    b = b + 10
elif a > 20 and b < 5:
    b = b + 20
elif a > 10 and b > 2:
    b = b + 30
print(b)
```

- ☐ a. 40
- ☐ b. 10
- ☐ c. 30

Écris $(1\ 0111\ 1011)_2$ en base 10 en exposant les calculs.

A full-page view of a blank sheet of graph paper. The grid consists of small squares formed by thin, light blue lines. There are 20 columns and 20 rows of squares, creating a uniform background for drawing or writing.

Écris **356** en base 2 en exposant les calculs.

[illegible]