

Python Logical Operator Questions

1.

```
a = 10  
b = 5  
print(a > 3 and b < 10)
```

2.

```
x = 7  
print(not (x < 10))
```

3.

```
x = 4  
y = 12  
print(x < 5 or y < 10)
```

4.

```
age = 18  
has_id = False  
print(age >= 18 and has_id)
```

5.

```
logged_in = True  
admin = False  
print(logged_in or admin)
```

6.

```
is_sunny = False
have_umbrella = True
print(not is_sunny and have_umbrella)
```

7.

```
a = True
b = False
print(not (a or b))
```

8.

```
temp = 25
print(temp > 20 and temp < 30)
```

9.

```
marks = 45
print(not (marks >= 50 or marks == 49))
```

10.

```
x = 0
y = 10
print(not x and y > 5)
```