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In [3]: a = int(input("Enter first number: "))
b = int(input("Enter second number: "))

# Relational Operators
print("a > b :", a > b)
print("a < b :", a < b)
print("a == b :", a == b)
print("a != b :", a != b)
print("a >= b :", a >= b)
print("a <= b :", a <= b)

# Logical Operators
print("(a > b) and (a != b) :", (a > b) and (a != b))
print("(a < b) or (a == b) :", (a < b) or (a == b))
print("not(a > b) :", not(a > b))
```

```
a > b : False
a < b : True
a == b : False
a != b : True
a >= b : False
a <= b : True
(a > b) and (a != b) : False
(a < b) or (a == b) : True
not(a > b) : True
```

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In [ ]:
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