

3. What is output by the following code?

```
conditions.py x
1  # Learning Exercise: Conditions
2
3  x = 3
4  y = 7
5
6  # Exercise
7  print(_not x == 5_)
8  print(_x > 0 and y > 0_)
9  print(_x < 0 or y < 0_)
10 print(_x*y > 20 or x*y < -20_)
11
12 # Challenge
13 print(_not (x == 0 or y == 5)_)
14 print(_not x == 0 or y == 5_)
15 print(_x == 3 and not y == 5_)
16 print(_not (x == 3 and y == 5)_)
```