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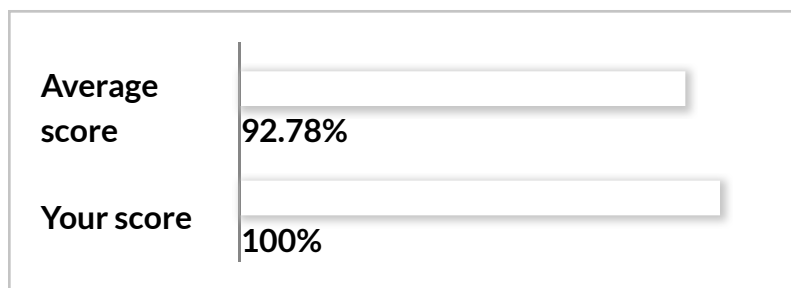
PyImageSearch Gurus Course   🏠 (HTTPS://GURUS.PYIMAGESEARCH.COM)
›

Bitwise Operations Quiz

Results

3 of 3 questions answered correctly

Your time: 00:01:49

You have reached 3 of 3 points, (100%)

Average score	92.78%
Your score	100%

Click Here to Continue (https://gurus.pyimagesearch.com/topic/bitwise-operations
/?quiz_type=lesson&quiz_redirect=1&lesson_id=741&quiz_id=1648)

Restart quiz   **View questions**

1. Question

What is the difference between a bitwise AND and OR?

⚪ A bitwise AND is true when both inputs are > 0; a bitwise OR is true when only one of the inputs is > 0

⚪ A bitwise AND is true when only one of the inputs is > 0; a bitwise OR is true when either inputs are > 0

🔘 **A bitwise AND is only true when both inputs are > 0; a bitwise OR is true when either inputs are > 0**

Correct

2. Question

What is the difference between a bitwise OR and XOR?

🔘 **A bitwise OR is true when either input is > 0; a bitwise XOR is true if one of the inputs is > 0, but not both**

⚪ A bitwise OR is true when either input is > 0; a bitwise XOR is true only if both inputs are > 0

⚪ A bitwise OR is true if and only if the inputs are > 0, but not both; a bitwise XOR is true when either input is > 0

Correct

3. Question

What does the NOT operator do?

⚪ Compares two inputs to see if either is > 0

🔘 **Inverts the "ON" and "OFF" pixels**

⚪ Compares two inputs to see if both are > 0

⚪ Applies a mask to an image.

Feedback

Correct

Course Progress

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I'm ready, let's go! (/pyimagesearch-gurus-course/)

Resources & Links

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- PyImageSearch Virtual Machine (https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/)
- Setting up your own Python + OpenCV environment (https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/)
- Course Syllabus & Content Release Schedule (https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/)
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- Your Achievements (https://gurus.pyimagesearch.com/achievements/)
- Official OpenCV documentation (http://docs.opencv.org/index.html)

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Feedback

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Feedback

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