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PyImageSearch Gurus Course

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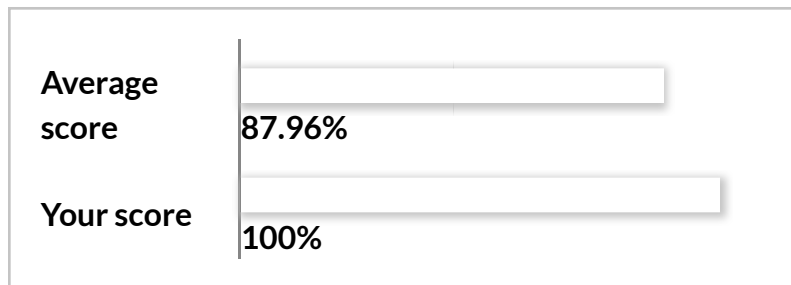
Image Arithmetic Quiz

Results

5 of 5 questions answered correctly

Your time: 00:06:03

You have reached 5 of 5 points, (100%)



Click Here to Continue (https://gurus.pyimagesearch.com/topic/image-arithmetic/?quiz_type=lesson&quiz_redirect=1&lesson_id=738&quiz_id=1644)

Restart quiz

View questions

1. Question

Assuming 8-bit, unsigned integers, what is the output of $200 + 68$ using OpenCV?



- ☐ 268
- ☐ 12
- ☒ 255
- ☐ 88

Correct

2. Question

Assuming 8-bit, unsigned integers, what is the output of $200 + 68$ using NumPy?

- ☒ 12
- ☐ 268
- ☐ 255
- ☐ 88

Correct

Feedback

3. Question

Again, assuming 8-bit unsigned integers, what is the output of $1 - 251$ using OpenCV?

- ☐ -250
- ☒ 0
- ☐ 10
- ☐ 6

Correct



4. Question

What about the output of `1 - 251` using NumPy?

- ☒ 6
- ☐ -250
- ☐ 0
- ☐ 10

Correct

5. Question

Download the source code from this lesson. Add value of 75 to all pixels to the `grand_canyon.png` image using the `cv2.add` function. What is the value of the pixel located at `x=61, y=152`?

- ☐ R=224, G=255, B=255
- ☐ R=169, G=188, B=255
- ☒ R=176, G=117, B=99
- ☐ R=113, G=188, G=255

Correct

Feedback

Course Progress

Ready to continue the course?

Click the button below to **continue your journey to computer vision guru**.



Resources & Links

- [PyImageSearch Gurus Community](https://community.pyimagesearch.com/) (<https://community.pyimagesearch.com/>)
- [PyImageSearch Virtual Machine](https://gurus.pyimagesearch.com/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/) (<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/) (<https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/>)
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- [Your Achievements](https://gurus.pyimagesearch.com/achievements/) (<https://gurus.pyimagesearch.com/achievements/>)
- [Official OpenCV documentation](http://docs.opencv.org/index.html) (<http://docs.opencv.org/index.html>)

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