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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

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

| | |
|---|---|
| Average score | 87.96% |
| Your score | 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**

## 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

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## Resources & Links

- PyImageSearch Gurus Community (https://community.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/)
- Course Syllabus & Content Release Schedule (https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/)
- Member Perks & Discounts (https://gurus.pyimagesearch.com/pyimagesearch-gurus-discounts-perks/)
- Your Achievements (https://gurus.pyimagesearch.com/achievements/)
- Official OpenCV documentation (http://docs.opencv.org/index.html)

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