Code	Meaning
WA	Wrong answer
OK	Correct answer
MLE	Memory limit exceeded
TLE	Time limit exceeded
RTE	Runtime error
NT	Testing skipped
CE	Compilation error
?	Result unavailable
-	Testing pending

Getting Started

time limit	memory limit	input	output
1 s	64 MB	standard input	standard output

Getting started

Read a pixel from the top left corner of a given image and write its red, green and blue components to the console output.

Input

Path to the image is given through standard input. Please refer to the solution below for more details.

Output

Result should be written to the console output in three lines, using the following format:

```
Red: <red_component>
Green: <green_component>
Blue: <blue_component>
```

Please refer to the solution below for more details.

Example

For a completely white image, the expected output is:

```
Red: 255
Green: 255
Blue: 255
```

Scoring

Correctly solving this task brings you 1 point. You can see the solution below.

Solution

Feel free to copy/paste the given solution to see how the grading process works.

Python

```python
import numpy as np
from PIL import Image
if __name__ == "__main__":
    image_path = input()
    image_file = Image.open(image_path)
    image = np.array(image_file)
    pixel = image[0, 0]
    print("Red: {0}".format(pixel[0]))
    print("Green: {0}".format(pixel[1]))
    print("Blue: {0}".format(pixel[2]))
```

Checking the status of a submitted solution

You can find more details about your submitted solutions in the *Overview* tab to the left.

There are two groups of test cases (data sets):

- *Public data set* is used for developing your solution. After you submit your solution, you will be able to see how well your solution performs against this data set. *Public data set* is not used for calculating the final score. Public data set is available during the homework.
- *Private data set* is used for testing your solution. The final score will be measured against this data set. *Private data set* and the final score will be available after the homework finishes. *Private data set* contains different data than the *public data set*, but the type of data (e.g. text length, number of files, image size...) is roughly the same.

When you click on more details for a submitted solution, you can see the status, score and time and memory the solution uses per test case. Private test cases are marked with *?* during the homework.

LOAD SEND

Select programming language

Python 3.x

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