

ppm_modify.py:

```
"""
C200 Homework Assignment 6 : ppm modify

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Date:  WHEN YOU COMPLETED IT

The goal of this assignment is to give you practice working with lists
by writing a program that manipulates image files in various ways.
"""

from math import sqrt

def color_translate(line):
    # TODO:
    # write the complete docstring of this function.
    # For part 1
    # Inputs a single line (string) stripped and translates
    # the values as defined in the handout.
    # returns a string
    pass

def process_ppm(in_filename, out_filename, filter):
    # TODO:
    # 1. write the complete docstring of this function.
    # 2. implement the process function as specified in the handout
    pass

def main_part1():
    # TODO: call the <decode> function you developed to decode
    # the image <files/part1.ppm>
    pass

def grey_scale(line):
    # TODO:
```

```

# 1. write the complete docstring of this function.
# 2. implement the grey_scale function as specified in the handout
pass

def main():
    # TODO: implement the following required items:
    """
    1. Ask the user for an input file.
    2. Ask the user for an output file.
    3. Perform grey_scale conversion on the input file and write the
       result to the output file in ppm format (don't forget to write out
       the header information!).
    4. WRite the complete docstring
    """
    pass

if __name__ == '__main__':
    main_part1() # comment this out after you check-in for part 1
    # main() # uncomment this after you check-in for part 1

```

Test_ppm_modify.py:

```

import pytest
from ppm_modify import *

def test_color_translate():
    assert False

def test_grey_scale():
    assert False

```