

COMP1250

Intro To Programming

Objective:

Working with functions.

Fill out the function body for each task in the assignment.

Tasks

Assignment Requirement (3 mark deduction if not completed)

- 1) Fill out your full name on line 4.
- 2) Fill out your student number on line 5.
- 3) Rename the .py file attached to assignment3_ DDDDDDDDD, where DDDDDDDDD represents your student number.

Task 1: how_many_vowels() (6 marks)

- 1) Complete the function how_many_vowels() according to the function documentation on the .py source file provided.
- 2) Complete the method body **(2 marks)**
- 3) Task tests pass **(4 marks)**

Task 2: count_whitespaces() (6 marks)

- 1) Complete the function count_whitespaces() according to the function documentation on the .py source file provided.
- 2) Complete the method body **(2 marks)**
- 3) Task tests pass **(4 marks)**

Task 3: odd_or_even() (8 marks)

- 1) Complete the function odd_or_even() according to the function documentation on the .py source file provided.
- 2) Complete the method body **(4 marks)**
- 3) Task tests pass **(4 marks)**

Task 4: extract_letters() (10 marks)

- 1) Complete the function extract_letters() according to the function documentation on the .py source file provided.
- 2) Complete the method body **(6 marks)**
- 3) Task tests pass **(4 marks)**

Task 5: extract_numbers() (9 marks)

- 1) Complete the function extract_numbers() according to the function documentation on the .py source file provided.
Complete the method body **(5 marks)**
- 2) Task tests pass **(4 marks)**

Task 6: sum_of_odd_numbers() (8 marks)

- 1) Complete the function sum_of_odd_numbers() according to the function documentation on the .py source file provided.
Complete the method body **(2 marks)**
- 2) Task tests pass **(4 marks)**
- 3) Write additional Doctests with correct syntax and result **(2 marks)**

Task 7: remove_vowels() (8 marks)

- 1) Complete the function remove_vowels() according to the function documentation on the .py source file provided.

Complete the method body **(2 marks)**

- 2) Task tests pass **(4 marks)**
- 3) Write additional Doctests with correct syntax and result **(2 marks)**

Submission

Upload your .py source files on Brightspace.

A zipped file will result in a 3-mark deduction.