

# Python Interpreter

Stack

**Main:**  
Book\_manager <<BookManager>>  
cleanup()  
analyse()

Cleanup(bookmanager)

analyse(bookmanager)

Write\_result(filename, result)

Heap

1: book1  
2: book2  
3: book3  
...

**Class Book**

ISBN, title, price  
title\_length()

**Class BookManager**

Books <<dict>>

Counter

Filename

create(ISBN, title, price)

\_\_load\_books\_\_(filename)

find\_duplicate\_isbn

find\_by\_ISBN(ISBN)

find\_by\_title(title)

find\_by\_price(min price)

find\_by\_title\_length(length)

