

Assignment: Encapsulation and Abstraction

Welcome to this Mini Project.

For this assignment, you will answer the following questions.

◆ Questions:

- Explain why an attribute is never really private in Python. In your explanation, please explain the process of name mangling with an example.
- Make the following attributes non-public in the **Book** class:
 - **num_pages**
 - **ISBN**
 - **publisher**

```
class Book:
```

```
    def __init__(self, title, author, num_pages, ISBN, publisher):  
        self.title = title  
        self.author = author  
        self.num_pages = num_pages  
        self.ISBN = ISBN  
        self.publisher = publisher
```

◆ Solution:

You can find a sample solution in the "Instructor example" tab.