# Online Python compiler (interpreter) to run Python online.

# Write Python 3 code in this online editor and run it.

class Article:

def \_init\_(self, title, page\_count):

# initialize protected attributes

self.\_title = title

self.\_page\_count = page\_count

# define protected method

def \_show(self):

# access protected attributes inside class

print("Article Title: ", self.\_title)

print("Page Count: ", self.\_page\_count)

class Author(Article):

def \_init\_(self, name, title, page\_count):

Article.\_init\_(self, title, page\_count)

self.name = name

def display(self):

print("Author Name: ", self.name)

# access Article's protected method

self.\_show()

print("------------------ \n")

author = Author("dharshins", "Python", 3000)

author.display()

# access protected data

print(author.\_title)