## Exercise 2.1

Write a function named right_justify that takes a string named s as a parameter and prints the string with enough leading spaces so that the last letter of the string is in column 70 of the display.

```
>>> right_justify('monty')

monty
```

In [1]:
```
# Answer for Exercise 2.1

def right_justify(s):
    spaces = 70 - len(s)
    print(' ' * spaces + s)

# Example usage
right_justify('monty')
```

```
                                                                     monty
```

## Question 1

Type the given example into a script and test it:

```
def do_twice(f): f() f()

def print_spam(): print('spam')

do_twice(print_spam)
```

In [2]:
```
# Answer for Question 1

def do_twice(f):
    f()
    f()

def print_spam():
    print('spam')

do_twice(print_spam)
```

```
spam
spam
```

## Question 2

Modify do_twice so that it takes two arguments, a function object and a value, and calls the function twice, passing the value as an argument.

In [3]:
```
# Answer for Question 2

```

```
def do_twice(func, value):
    func(value)
    func(value)
```

## Question 3

Copy the definition of print_twice from earlier in this chapter to your script.

In [4]:
```
# Answer for Question 3

def print_twice(bruce):
    print(bruce)
    print(bruce)
```

## Question 4

Use the modified version of do_twice to call print_twice twice, passing 'spam' as an argument.

In [5]:
```
# Answer for Question 4

def do_twice(func, value):
    func(value)
    func(value)

def print_twice(bruce):
    print(bruce)
    print(bruce)

do_twice(print_twice, 'spam')
```

```
spam
spam
spam
spam
```

## Question 5

Define a new function called do_four that takes a function object and a value and calls the function four times, passing the value as a parameter. There should be only two statements in the body of this function, not four.

In [6]:
```
# Answer for Question 5

def do_twice(func, value):
    func(value)
    func(value)

def do_four(func, value):
    do_twice(func, value)
    do_twice(func, value)
```