

EXERCISES:

INTRODUCTION

TO CLASSES

Exercise(s):

- define a class *Circle*
- takes *radius* as constructor
- default radius is 3
- has a single method *area()*

Solution:

```
class Circle():
    def __init__(self, radius = 3):
        self.pi = 3.14
        self.r = radius

    def area(self):
        return self.pi * self.r**2

small_circle = Circle()      # radius 3
large_circle = Circle(10)    # radius 10
small_area   = small_circle.area()
large_area   = large_circle.area()
```

