

Section Ten

Class Objects

Complete the Following Tasks

Task 1

What are class objects? Why use them?

Task 2

Create a class circle that inherits from the shape class that was shown in the lesson. Implement the area class method that returns its own area calculation. The area of a circle is shown below. $3.14((.5*width)*(.5*width))$

$$\pi r^2$$

Task 3

Create an animal class with two attributes, height and weight. Create a method called speak., return the String 'bark'. Create another class Cat, and inherit animal. Create a Cat object and call print on the speak method. What happens? How would you correct this?