Name: Casey Sorrells worksheet11A  
  
Suppose I have an object named box.  
Suppose box has the method double getVolume(int width, int length, int height).  
Here is how to compute the volume of a box that has a width of 5, a length of 2, and a height of 3.  
double volume = box.getVolume(5,2,3);

Suppose I have an object named box.   
Suppose box has the method: double getVolume(int width, int length, int height)  
Compute the volume of a box that has a width of 5, a length of 2, and a height of 3.  
Save the volume in a variable named volume.

volume = getVolume(5,2,3);  
  
Suppose I have an object named cat.   
Suppose cat has the method: double getWeight(String nameOfCat)  
Suppose I have cat named “kitty”. Save kitty’s weight in a variable named weight.

Weight = cat.getWeight(“kitty”);  
  
Suppose I have an object named math. Suppose math has the method: int add(int x, int y)  
Save the sum of 2 and 3 in a variable named sum.

Sum = math.add(2,3);  
  
Suppose I have an object named item.   
Suppose item has the method: double getPrice(int size)  
Get the price of a size-2 item (i.e. the size of the item is 2). Store the price in variable named price.

price = item.getPrice(2);  
  
Suppose I have an object named mouse.   
Suppose mouse has the method: boolean insideRectangle(int x, int y, int width, int height)  
Determine if the mouse is inside a 10x12 square that is positioned at x coordinate 100 and y coordinate 123. Store the result in a variable named isInside.

isInside = mouse.insideRectangle(100,123,10,12);  
  
Suppose I have an object named c.   
Suppose c has the method: Color getColor(int red, int green, int blue)  
Determine what color is generated if I mix 128 drops of red and 128 drops of green and 128 drops of blue. Store the color in a variable named color.

color = c.getColor(128,128,128);