**Homework: Variable Type vs Object Type**

1. Which of the followings is considered boxing?

a. double dblx = fx;  
b. float fx = ix;  
c. object myobjx = fx;  
d. int ix = objy;

1. Which of the followings is considered unboxing?

a. string str = ix.ToString();  
b. double dblx =(double) fx;  
c. object myobjx = fx;  
d. int ix = (int) objy;

1. Object objdblx is of type double. Assign the value of this object to a variable of type float.

float fx = objdblx;

1. Object objflx is of type float. Assign the value of this object o another variable of type double.

double dx = objflx;

1. Convert the string strx to a double dblx:

double dblx =

1. Convert the integer ix to a float fx:

float fx =

1. Convert the double dblx to a string strx:

string strx =

1. Object is the                  class of all other data types.
2. What is an object (the definition)?
3. How do you declare an object in C#?

What is the difference between an object and a variable?