

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;

assigning a value
to an object

2. Which of the followings is considered unboxing?

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

getting a value
out of an object

explicit coversion

unboxing

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

float fx = objdblx;

float fx = (float) (double) objdblx;

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

double dx = objflx;

double dx = (double) (float) objflx;

5. Convert the string strx to a double dblx:

double dblx = double.Parse(strx);

not needed

6. Convert the integer ix to a float fx:

float fx =

7. Convert the double dblx to a string strx:

string strx = dblx.ToString();

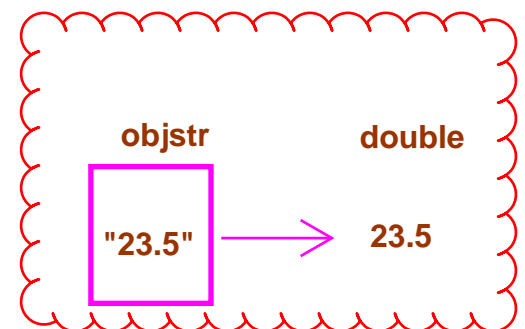
8. Object is the **base** class of all other data types.

9. What is an object (the definition)?

10. How do you declare an object in C#?

What is the difference between an object and a variable?

11. What if we want to grab and store a string from an object that contains a string and covert it into something numeric say into a double.



→ **double dx = double.Parse(objstrx.ToString());**

→ **double dx = double.Parse((string) objstrx);**