Lecture Notes (9-8-21)

- The static keyword means : that it belongs to the class as a whole and not just to the individual object.

- IF we don’t have the variable, its one for each object.

- Static has one copy of a variable for the entire class.

- .in is a variable, .out is a variable

- How do we call a class (static) method?

StaticClassName.staticMethod( argument list );

- Static methods are used on parameters.

- The Math class is a purely static class. It implements a lot of math functions.

- Making decisions is often referred to as, “selection”.

If (num1 <= num2)

{

System.out.println( num1 );

}

Else

{

System.out.println( num2 );

}

**For this next program, we don’t need an else because there is only one other option.**

Double pay = Hours \* hourly rate

If (hours > 40)

{

pay = pay + (hours – 40) \* hourly rate/2;

}