

## MECH 524 Assignment #2

### Objective

Work with variables and expressions to calculate the area of two rectangles.

### Instructions

1. Define some variables of type *double* for the length and width of two rectangles. Assign some hardcoded (literal) values to these variables in your code. A strict definition is not required when using Python.
2. Programmatically calculate the area of both rectangles.
3. Define a *boolean* variable and set it to *true* if the areas of the two rectangles are the same, and *false* otherwise.
4. Provide a screenshot **while in debug mode** showing your variables, including the correctly set *boolean* value. At least two screenshots (one showing true, one showing false), are required.

Do not use *if* statements or loops in this assignment to solve the above requirements.