SENG2200/6220 –Programming Languages & Paradigms
Self-Quiz for Week 8, Semester 1, 2020

True/False Questions.

1. All Java parameters are passed by value.

2. Pass-by-value is used as in mode and pass-by-result is used as out mode.

3. Considering the start of a procedure, pass-by-reference is always more efficient than pass-by-value.

4. In C#, both <u>ref</u> and <u>out</u> keywords enable the out mode.

5. Pass-by-name method can be used at compile time by the macros in assembly language.

Short-Answer Questions

6. What information will be stored in the run-time stack?

7. Given the code below where the parameters are passed by name. What is the result of `Swap(i, A[i])` if `i=1`?

```
A[] = {1, 3, 2, 4, 3, 5}

procedure Swap(var int m, var int n)

var int temp;

begin

    temp := m;

    m := n;

    n := temp;

end;
```