CECS 424
Assignment 8
Total: 21 Points

General Instruction

- I recommend that you type your answers by using LATEX.

- Submit your work via BeachBoard (Not email or in class).

1. (6 points) Consider the following pseudocode. What does this program print if the language uses static scoping? What does it print with dynamic scoping?

```
1. procedure main
2.    a : integer := 1
3.    b : integer := 2

4.    procedure A
5.       a : integer := 3
6.       b : integer := 4
7.       B()
8.       print a, b

9.    procedure B
10.      print a, b
11.      a := 5
12.      b := 6

11.   -- body of main
12.   A()
13.   print a, b
```

2. (6 points) Chapter 3. Exercise 3.6. (a) and (b).

3. (3 points) Chapter 3. Exercise 3.9. (a)

4. (6 points) Chapter 3. Exercise 3.14.