16.216: ECE Application Programming
Fall 2015

Lecture 5: Key Questions
September 14, 2015

1. Describe the use of `scanf()` for reading input values into variables.

2. How does `scanf()` handle whitespace and other characters in format string?

3. **Example:** Assume you have the following variables: `int i; double d; char c;`
    If your program contained each of the following calls to scanf(), what values would be read
    into the appropriate variables, given user input?

a. Input: `34 5.7`
    `scanf("%d%lf", &i, &d)`

b. Input: `34 5.7`
    `scanf("%d        %lf", &i, &d)`

c. Input: `34 5.7`
    `scanf("%lf%d", &d, &i)`

d. Input: `34 5.7`
    `scanf("%d%c", &i, &c)`

e. Input: `34 5.7`
    `scanf("%d %c", &i, &c)`