

EECE.2160: ECE Application Programming

Fall 2017

Lecture 5: Key Questions

September 15, 2017

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)`