

EECE.2160: ECE Application Programming

Fall 2017

Lecture 3: Key Questions September 11, 2017

1. List the four basic data types in C, as well as some valid and invalid values for each type.
2. Briefly explain valid character constants.
3. What are the four key characteristics of a variable?

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6. **Example:** What values do w, x, y, and z have at the end of this program?

```
int main() {  
    int w = 5;  
    float x;  
    double y;  
    char z = 'a';  
    x = 8.579;  
    y = -0.2;  
    w = x;  
    y = y + 3;  
    z = w - 5;  
    return 0;  
}
```