## **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.
<b>-</b> .	Briefly explain valid character consumes.
3	What are the four key characteristics of a variable?
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4. What rules must be followed when naming variables?

5. Show how variables are declared and how values are assigned to them.

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M. Geiger
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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;
}
```