

# Answer Key

## Quiz 2 CS 241 Data Organization using C

Fall 2018

- (1 point) (circle one) In the C programming language, the = symbol is most accurately read:
  - Equals
  - Variable Assignment
  - Is equivalent to
  - A mathematical symbol used to indicate equality
  - A conditional symbol used to indicate equality
- (3 points) Write a single line of code that reads in a character, checks if the character is not the letter e, and stores the value of that comparison in a variable.

```
int check = getchar() != 'e';
```

- (1 point) What possible values can the stored variable from above possibly be?

0, 1

- (1 point) What does the following expression mean in English?:

10 | 27

take a bitwise OR of 10 and 27

- (1 point) Write a single line of code that creates a constant variable named "EFIMOV" that contains the 22.694382595366695

```
#define EFIMOV 22.694382...etc...
```

- (1 point) Which compilation stage will this effect?

C preprocessor

- (1 point) Assume that "EFIMOV" is saved as a float. Everytime you compile your program, "EFIMOV" might take on different values. Write the number stored in "EFIMOV" to the point to which it will be the same every time.

22.69438  
1 2 3 4 5 6 7