

**Worksheet #4**

CS 1405

Instructor: Garth O. Sorenson

Name: \_\_\_\_\_

Score: \_\_\_\_\_

1. Which of the following are illegal variable names and why?
  - a. test\_score
  - b. q&a
  - c. nonstop
  - d. 101dalmations
  - e. Spring2008
2. What are the ASCII codes for the following characters?
  - a. c
  - b. S
  - c. e
  - d. N
  - e. 4
3. What data type would you use for a variable to store someone's age?
4. What data type would you use for a variable to store someone's gpa?
5. What data type would you use for a variable to store the number of miles to the sun?
6. How would  $2.345 \times 10^{17}$  be represented in E notation?
7. Write a statements to define two integer variables and assign the values of -1000 and 1000 to the variables.
8. Write a statement to define a floating-point variable and assign the initial value of 1.5 to the variable.
9. Is the following valid or invalid? Why?  

```
2008 = year;
```