

CIS 255 - Java Programming
Homework #2
Variables

Name: _____

Date: _____

1. For each of the following variable names, circle "legal" or "error".

- | | | | | | |
|--------------------|-------|-------|--------------------|-------|-------|
| a.) Total 2 | legal | error | f.) Total | legal | error |
| b.) TOTAL | legal | error | g.) 2total | legal | error |
| c.) Total2 | legal | error | h.) Total_2 | legal | error |
| d.) #Total | legal | error | i.) T | legal | error |
| e.) _Total2 | legal | error | j.) return | legal | error |

2. Choose meaningful names and write a single variable declaration for each of the following values.

- a.)** Your weight.
- b.)** Your checking account balance.
- c.)** Your middle initial.
- d.)** Your marital status (single or not).
- e.)** Your gender.

3. Do a hand simulation.

```
a.) public class DisplayVariables {  
    public static void main(String args[]) {  
        int a = 7;  
        int b = 2;  
        int c = 031;  
        int d = 0x13;  
        char e = 'A';  
        char f = 'a';  
  
        System.out.println("a. " + (a / b) + " " + (a % b));  
        System.out.println("b. " + c + " " + d);  
        System.out.println("c. " + (e + 1) + " " + (char)(e + 1));  
        System.out.println("d. " + (f + 3) + " " + ('f' + 3));  
    }  
}
```