

CS 139 - Act 3a - Variables and data types

GROUP RESPONSE SHEET GROUP: _____

Members present (first and last names): _____

Part 1 – Variables in Java

```
1 // Documentation purposely eliminated in the interest of space
2
3 public class Variables
4 {
5     public static void main(String[] args)
6     {
7         int checking;
8         byte miles;
9         short minutes;
10        long days;
11        float total;
12        double sum;
13        boolean flag;
14        char letter;
15        String message;
16
17        checking = -20;
18        miles = 105;
19        minutes = 120;
20        days = 185000;
21        total = 7.98F;
22        sum = 5628.335;
23        flag = true;
24        letter = '9';
25        message = "Now why is my type in capital letters?";
26
27        System.out.println("We have made a journey of " + miles +
28                           " miles.");
29        System.out.println("It took us " + minutes + " minutes.");
30        System.out.println("Our account balance is $" + checking);
31        System.out.println("About " + days + " days ago Columbus " +
32                           "stood on this spot.");
33        System.out.println("Your total bill is " + total);
34        System.out.println("The sum of the scores is " + sum);
35        System.out.println("The flag is " + flag);
36        System.out.println("The letter is " + letter);
37        System.out.println(message);
38    }
39 }
```

		OK or NO
a.	checking = 56000;	
b.	total = 0;	
c.	sum = total;	
d.	total = sum;	
e.	checking = miles;	
f.	sum = checking;	
g.	sum = days;	
h.	days = "0";	