

## VariableDemo.java

```

1 package class3;
2
3 public class VariableDemo {
4     public static void main(String[] args) {
5         // String concatenation
6         System.out.println("Hello class, " + "today we'll learn about data types.");
7
8         System.out.println("Today is the " + 3 + "rd day of class.");
9
10        System.out.println("Today is the " + 2 + 1 + "rd day of class.");
11
12        // Escape sequences
13        System.out.println("\tThis is tabbed over. \nThis is on a 2nd line.");
14
15        // Variable declarations for each primitive data type
16        byte asciiForA = 65;
17        short smallNumber = 10000;
18        int largeNumber = 2000000000;
19        long hugeNumber = 40000000000000000001;
20        float largeDecimalNumber = 123456.7890987f;
21        double hugeDecimalNumber = 1234567890.0987654321;
22        boolean yesOrNo = true;
23        char oneLetter = 'A';
24
25        // Variable declarations for String data type
26        String firstName = new String("Jeff");
27        String lastName = "Hill";
28
29        // Wrapper classes, auto-boxing & auto-unboxing
30        Integer currentYear = new Integer(2018);
31        Integer nextYear = 2019;
32        Integer nextPresidentialElectionYear = Integer.parseInt("2020");
33        int lastYear = new Integer(2017);
34        Integer graduationYear = 2015;
35    } // end main
36} // end VariableDemo

```