

**Lab Goal :** This lab was designed to teach you how to define and output a variable.

**Lab Description :** Define and print some variables. Please make sure to define and print all of the variable types listed in the comment below.

### Lab Shell :

```
public class Variables
{
    public static void main ( String[] args )
    {
        //define 1 variable of each of the
        //following data types
        //byte      short      int      long
        //float     double
        //char      boolean     String

        //integer variables
        byte byteOne = 127;

        System.out.println("/////////////////////////////////");
        System.out.println("*Some Person          07/18/02*");
        System.out.println("                                *");
        System.out.println("                integer types          *");
        System.out.println("                                *");
        System.out.println("*8 bit - byteOne = "+byteOne+"\t\t*");
    }
}
```

### Sample Output :

```
/////////////////////////////////
*Some Person          07/18/02*
*
*                integer types          *
*
*8 bit - byteOne = 127
*16 bit - shortOne = -32123
*32 bit - intOne = 90877
*64 bit - longOne = 999999999
*
*                real types
*
*32 bit - floatOne = 38.5678
*64 bit - doubleOne = 923.234
*
*                other integer types
*
*16 bit - charOne = A
*
*                other types
*
*booleanOne = true
*stringOne = hello world
/////////////////////////////////
```

#### Files Needed ::

Variables.java

**+10 - add GUI output**

**+10 - add GUI input**