

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

Lab Description : Define and print some variables.

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