

The goal of this lesson is to help you understand more about the character type. Read the theory below to know how to fill the blank (...) to display the character 'd'.

Characters essentially are integers, you can display the integer value of a character with the statement (int)character; as below:

```
public class Variable {  
    public static void main(String[] args) {  
        System.out.println("a = " + (int) 'a');  
        System.out.println("b = " + (int) 'b');  
        System.out.println("c = " + (int) 'c');  
        System.out.println("...");  
        System.out.println("x = " + (int) 'x');  
        System.out.println("y = " + (int) 'y');  
        System.out.println("z = " + (int) 'z');  
    }  
}
```

When the above code is compiled and executed, it produces the following result:

```
a = 97  
b = 98  
c = 99  
...  
x = 120  
y = 121  
z = 122
```

As you can see, the list of numeric values of all characters from 'a' to 'z' makes an ascending sequence, each pair of successive values in the sequence are separated by 1 unit.

Because characters essentially are integers, you can also apply operators (+, -, \*, /) to declare a variable. According to the result of the program above, the letter 'd' is equal to 'a' + 3, the letter 'e' is equal to 'd' + 1. See the example below:

```
public class Variable {  
    public static void main(String[] args) {
```

```
        char d = 'a' + 3;  
        char e = 'd' + 1;  
        System.out.println(d);  
        System.out.println(e);  
    }  
}
```

When the above code is compiled and executed, it produces the following result:

```
d  
e
```