

Experiment with Java operators

Here, we are going to look at many of the operators used in Java. We will also observe the precedence and associativity of operators.

Download my file Experiment.java. Print out this source file so that you can take notes on it.

1. Read the code, and predict what you think the output should be.
2. Compile and run the program, and verify the output that you predicted.
3. In your own words, what is the difference between precedence and associativity?
4. Change the value of numChildren from 1 to 5 and re-run the program. How does the conditional operator work?
5. Add the following code to the end of Experiment.java. Do you understand the error messages that you get?

```
int x = 9++;  
++(a + b);
```