

Lesson 1 Problem Set

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Do these problems for additional practice and challenge.

1. The modulus operator in Java is used to find the remainder of a division. This operator takes the form of % in Java with an example usage of `int remainder = dividend % divisor`. Use the knowledge learned in the first lesson, write the code in the given outline to simulate the modulus operator:

```
public class Modulus {  
  
    public static void main(String[] args) {  
        int dividend = 52;  
        int divisor = 10;  
        int remainder = 0;  
  
        //Write code here...  
  
        //This should print out "2"  
        System.out.println(remainder);  
    }  
}
```