

Reading from a file in Java

There are many options... the best by far is to use a Scanner object.
Plus the fact that you're already familiar w/ Scanner objects is a nice bonus.
Remember that a Scanner can be instantiated using more than one type of constructor:

Ways to Construct a Scanner Object	
Scanner sc = new Scanner(System.in);	Read from the Standard Console (keyboard)
Scanner sc = new Scanner("parse this puppy");	Read from a String
Scanner sc = new Scanner(new File("foo.txt"));	Read from a file

All of the methods that you normally use with a Scanner object still apply.
Some of the important ones:

Some Common Scanner Methods	
hasNext()	returns true if there is another token in the Scanner
hasNextLine()	returns true if there is another line of input in the Scanner
nextInt()	grab the next int from the Scanner
nextDouble()	grab the next double from the Scanner
useDelimiter(String pattern)	set the delimiter(s)

For more help with the Scanner... check out the API!

<http://docs.oracle.com/javase/8/docs/api/>

Example:

```
import java.io.File;
import java.io.IOException;
import java.util.Scanner;
// Main will need to throw an exception... to account for possible problems locating the file:
public static void main(String[] args) throws IOException
```

```
    Scanner file = new Scanner(new File("nums.dat"));
    int num;
    while(file.hasNext())
    {
        num = file.nextInt();
        System.out.println(num);
    }
```