

Student Name \_\_\_\_\_ Sections \_\_\_\_ Date \_\_\_\_\_

**Introduction to Java Programming - Using the 5.0 Scanner Class**

Here is an example of using the new Scanner Class for inputting item sin Java. This is new to the Java 5.0 (1.5) compiler. The Scanner Class can be used as an alternative to the Buffered Reader, used in traditional Java.

**Figure 1 Scanner Class Example**

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```
import java.util.Scanner;
class ScannerClassExample
{
    //example of using the new scanner class
    //which simplifies user input and output
    //this is part of the new JDK 1.5 compiler

public static void main(String args[])
{
    //declare a Scanner class object
    Scanner sc = new Scanner(System.in);

    //prompt user for their name
    System.out.println("please enter your name");

    //declare a local variable and read the integer
    String name = sc.nextLine();

    //display the name back to the user
    System.out.println("hello " + name);

    //prompt user for a number
    System.out.println("please enter an integer");

    //declare a local variable and read the integer
    int num = sc.nextInt();

    //display the number back to the user
    System.out.println("you entered " + num);
}
}
```

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