

- IO stands for _____ and _____. In this lesson, we are interested in the computer's ability to receive input from the k_____.
- What must be imported to use Scanner)? _____
- Construct a Scanners, according to the comments below.

```
_____ readIt = new Scanner (System. ____); //reading from user typing
```

- Complete the table below.

Method name ONLY	What it does	Data type returned	Error it returns if it doesn't work
nextInt()	Reads next whole number	Int	Input Mismatch Exception
		Long	
		Float	
		Double	
	Reads next word/set of characters up to white space		
nextLine()			

* You'll notice that there is no Scanner method for reading a single character.

- The identifier readIt is the same as it is in question 3, above. If the code handling input is:

```
double x = readIt.nextDouble();
```

and the user types 3, what happens? What value is stored, if any? Will any errors occur? Explain.

- Assume the user types 5 6 7 8. Which number will be read as input if nextInt() is used once? 5678? 567? 56? 5? Explain. _____

- If you have a very long String that you want to output, how do you handle the String? There are two ways:

1) _____

2) _____

- There are two different ways to create Strings. Show code for both ways of making strings. A comments for one way has been provided to help you.

1) _____ // String literal

2) _____

- An empty String has a length of _____.

- Adding Strings together using the + symbol is called _____.