Java Input

Mr. Neat
Java

Java Input

What is input?

Java Input

What are some ways
to input information into
a program?

Java Input

- input is difficult in java (that is why we haven't done it till now)
- there are many ways to do this
- need to use another class

list some classes we have used so far

Java Input

- I have chosen to use the EasyReader class written by the Litvins (authors)

Java Input

- How to use the EasyReader class:
  - declare an EasyReader variable
  - construct an EasyReader object
  - call an EasyReader method

Java Input

```java
// declare EasyReader object variable called mary
// mary could be any name

EasyReader mary;

// construct an EasyReader object in variable mary

mary = new EasyReader();

//  call method on EasyReader object

mary.readWord();
```
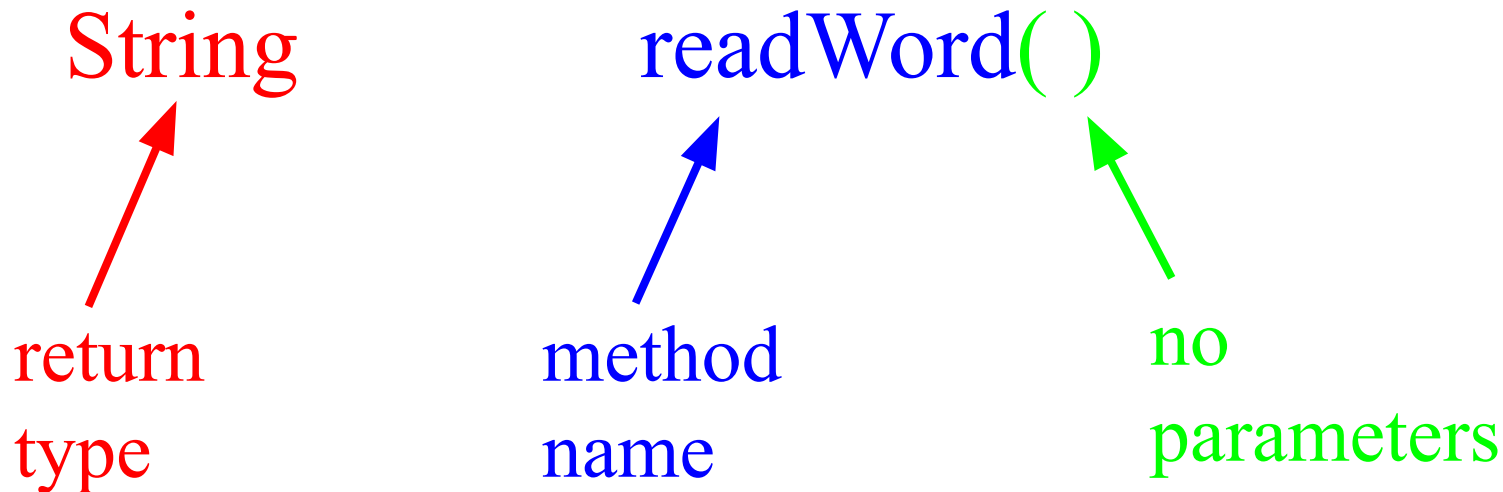
Java Input

Let's look at the EasyReader method readWord()

method definition:

String   readWord( )

return
type

method
name

no
parameters

Java Input

Let's look at the EasyReader method readWord()

method use:

```
EasyReader fred_in = new EasyReader();
String inValue = fred_in.readWord();
System.out.println("The word read in is: " + inValue);
```

Input

Other EasyReader methods……..
(Go read at EasyReader.java)

- readDouble()
- readInt();
- readLine();
- readWord();

Input

Note: Now there are TWO files with the .java extension in the example folder.

1) starter.java
2) EasyReader.java

Input - Lab

Repeat the Happy Birthday Lab, but now you must let the user enter the name of the person having the bday.