

# + Scanner Examples

```
Scanner sysIn = new Scanner(System.in);
Scanner fileIn = new Scanner(new File("zips.txt"));
Scanner stringIn = new Scanner("here is some text.");
```

```
int    x =    sysIn.nextInt();
float  y =    fileIn.nextFloat();
String z =    stringIn.next();
```

## PrintWriter Example

```
PrintWriter fileOut =
    new PrintWriter(new FileWriter("testFile.txt"));
```

```
fileOut.println("Hello, File");
```

## Catching Exceptions

```
try {
    // Statements that may throw an exception
} catch (FileNotFoundException fnfex) {
    fnfex.printStackTrace(); // Display
} catch (IOException ioex) { // exception
    ioex.printStackTrace(); // Display s
}
```