Rex Jones II

(Transcript)
Java Input

We are going to read from a file using some of the code from Java Output. Get the path directory then write File file = new File("Read File Test.txt"). This statement represents the file we are going to write to. Therefore, we change the file name from Write File Test to file. If you want to, you can replace file with new File("Read File Test.txt"). Let's add some more data. Copy / Paste and change Joe Doe to Jane Doe, change Software Tester to Automation Tester, how about 10 Years to 12 Years Experience.

Next, we are going to // Read From A File. This class will be called FileReader which is an input stream that reads from a file. Name the object readFile = new FileReader CTRL + SPACE (File). The file is located in the current path directory so we write
(pathDirectory + "/Read File Test.txt"). We are going to read from this file but have to also scan the file. The purpose of scanner is to receive input. Let's also import this java.io package for FileReader and write Scanner scan = new Scanner(). Which file? The (readFile). Let's try a quick test and print the first line: write sysout(scan.nextLine()); Let's Run. John Doe – Perfect.

Now, let's read the complete file. While scan has a next line. Let's also print the next line.

```
while(scan.hasNextLine()) {
  sysout("scan.nextLine");

}
```

```
// Read From A File
FileReader readFile = new FileReader(pathDirectory + "/Read File Test.txt");
Scanner scan = new Scanner(readFile);

while (scan.hasNextLine()) {
   System.out.println(scan.nextLine());
}
```

Let's Run. Every single line for John Doe and Jane is displayed on the console. Let's make sure the file showed in the Package Explorer. It showed up. Joe Doe and Jane Doe. That's it for Java Input and Output.