/\*\* =======================================================================

\* Class:Eightpointtwo Ex8.2 Pg.312 Author: Yin Linhai

\* Version:001Date:Feb 6, 2014

\*

\* Big Java exercise 8.2 code

\*

\* Course:Computer Science 201Teacher:Mr Blakey

\* School:Sir Winston Churchill High School, Calgary, Alberta, Canada

\* Language: Java SE 7.0Target Operating System: Java Virtual Machine

\* System:Intel Celeron 3GHz running under Windows 7 IDE: Eclipse 4.2

\*========================================================================\*/

**package** eight;

**public** **class** Eightpointtwo {

**public** **static** **void** main(String[] args) {

**int**[] array = **new** **int**[] {1,2,3};

array[4] = 4;

}

/\*

\* The computer tries to store a piece of data in a "shelf"

\* that doesn't exist and gives you an error.

\*

\* In doing so it gives you the line in which the error occured

\* so that you can go back and bugfix.

\*/

}

**Output:**

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 4

at eight.Eightpointtwo.main(Eightpointtwo.java:9)