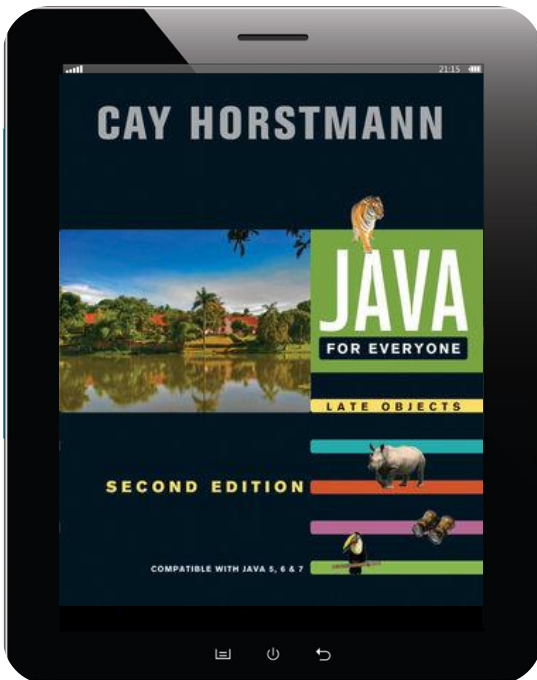




# MOBILE ACCESS PACK

Everything students need for your course **anytime, anywhere**, on **any device**

Available with the **NEW Interactive Edition** of  
**Horstmann • Java For Everyone: Late Objects, 2<sup>nd</sup> Edition**



*Java For Everyone: Late Objects, 2<sup>nd</sup> Edition* is a comprehensive introduction to Java and computer programming, which focuses on the principles of programming, software engineering, and effective learning. It is designed for a one-semester first course in programming.

## Includes:

- **Wiley E-Text Interactive Edition**

*The Interactive E-Text, powered by VitalSource, provides students with uninterrupted access to their course materials anytime, anywhere. The interactive e-text features the following InterActivities:*

- ✓ Practice Questions
- ✓ Code Completion Exercises
- ✓ Code Walkthrough Exercises
- ✓ Video Solutions
- ✓ Animated Figures

*This dynamic, interactive e-text focuses on helping students learn the core programming fundamentals through InterActivities. Readers will have interactive images, embedded practice quizzes, and audio-enhanced images at their fingertips.*

- **Printed Brief Companion Edition**

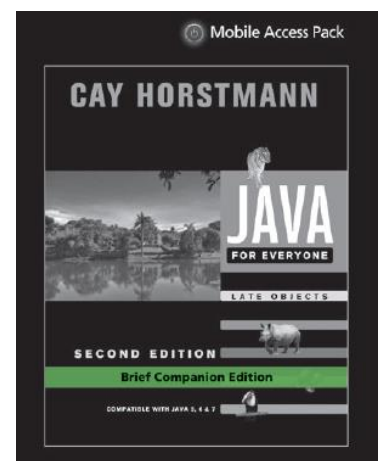
*The Printed Brief Companion Edition is a shortened version of the printed text, focusing on the key concepts. The text can also be used as an offline reference guide to accompany the Interactive E-Text.*

## 1 Download the Interactive Wiley E-Text

Download your book to the VitalSource Bookshelf® at [www.vitalsource.com/download](http://www.vitalsource.com/download)

## 2 Use the Brief Companion Edition

Study for tests, review core material, refer to syntax boxes and examples



**ORDER TODAY!** • ISBN: 9781118935996

**WILEY**



# MOBILE ACCESS PACK

Everything students need for your course **anytime, anywhere, on any device**

Available with the **NEW Interactive Edition** of  
**Horstmann • Java For Everyone, 2<sup>nd</sup> Edition**

## Be more prepared for class after using these InterActivities

**Walk through a code segment** to deepen your understanding of how a program works.

24. Trace through the following code.

Please enter the new value of result.

```
String message = "Hello Fred";
String result = "";
int n = message.length();
for (int i = 0; i < n; i = i + 2)
{
    char ch = message.charAt(i);
    result = result + ch;
}
System.out.println(result);
```

n	i	ch	result
10	0	H	{empty string}
	2	l	l
	4	e	He

2 errors Start Over

**Rearrange the steps** to build your skill at creating a code segment that solves a given problem.

25. Rearrange the following lines to produce a loop that prints all characters of a string, one per line. Not all lines are useful.

Order the statements by dragging them into the left window. Use indenting to indicate statements inside a loop.

```
String message = "Hello, World!";
for (int i = 0; i < message.length(); i++)
{
    char ch = message.charAt(i);
}
System.out.println(ch);
char ch = message.charAt(i + 1);
System.out.println(i);
for (int i = 1; i <= message.length(); i++)
for (int i = 0; i <= message.length(); i++)
}
```

**Get instant feedback on your code** when you submit an exercise solution to CodeCheck.

**Calling method**

Method	Arguments	Actual	Expected	
countSevens	1797	0	2	fail
countSevens	7777777	0	7	fail
countSevens	1985	0	0	pass
countSevens	7	0	1	fail
countSevens	0	0	0	pass

**Student files**

Numbers.java

```
/* 1 */ public class numbers
/* 2 */ {
/* 3 */     /**
/* 4 */      * Counts the number of digits with value 7 in a given number
/* 5 */      * @param n any non-negative number
/* 6 */      * @return the number of digits with value 7 in the decimal representation of n
/* 7 */      */
/* 8 */     public int countSevens(int n)
/* 9 */     {
/* 10 */         // your work here
```

**Test yourself and learn more about syntax** when you complete these short code segments.

**InterActivities**

43. Fill in the following code snippets, declaring an array a of integers with the specified properties. Elements should be zero unless otherwise specified.

Complete the column on the right. Press Enter to submit each entry.

Try again, or See Next Step

Task	int[] a =
With 3 rows and 2 columns:	<input type="text" value="new int[2][3];"/> X
With 2 rows and 3 columns:	
With 2 rows and 2 columns, containing 1 when the row and column index are the same:	

How to get your course material is **now** up to you.

**ORDER TODAY!** • ISBN: 9781118935996

**WILEY**