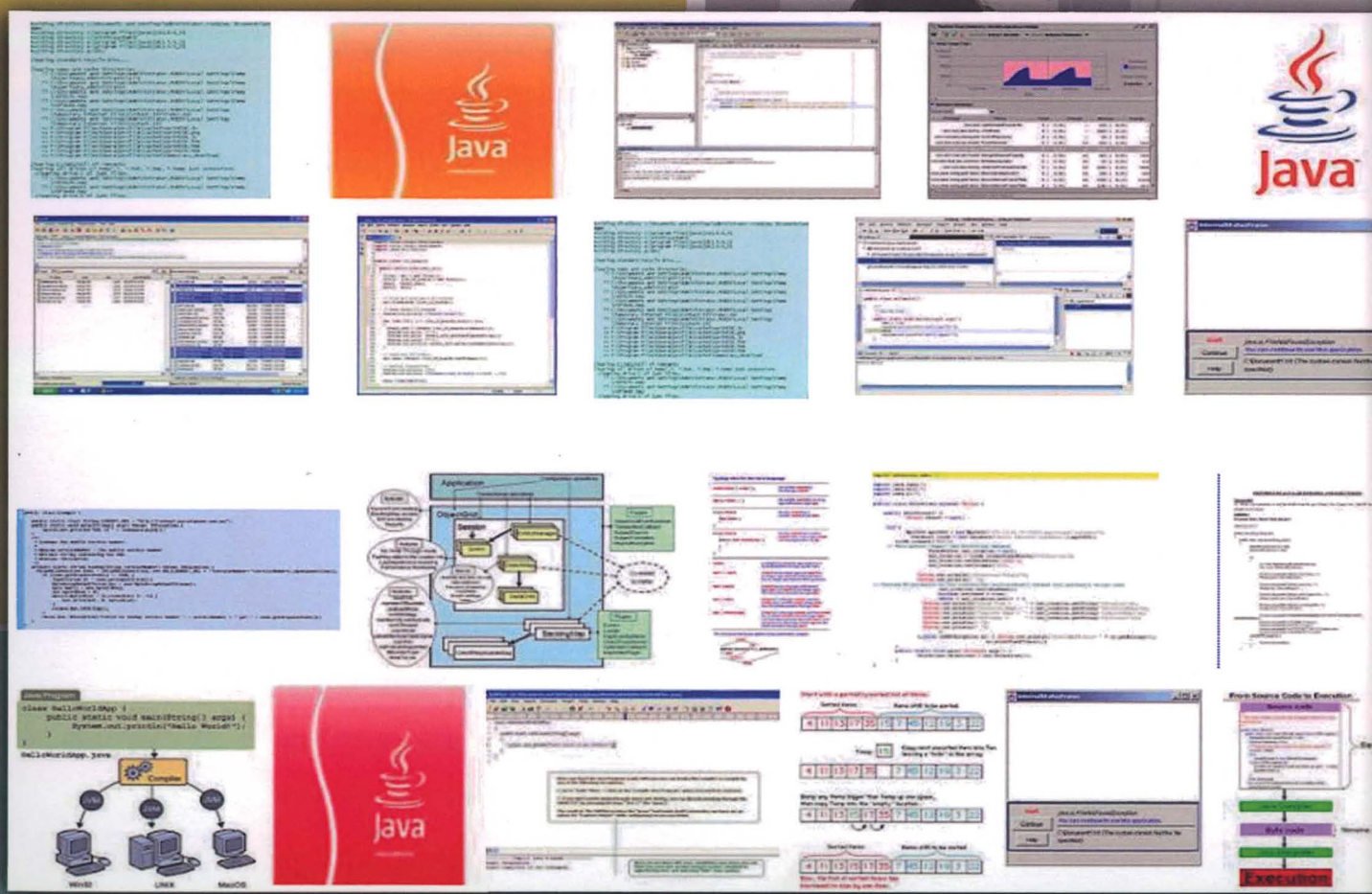
Java Programming Lab Manual

Asadullah Shah Zeeshan Bhatti



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JAVA PROGRAMMING LAB MANUAL

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TABLE OF CONTENTS

Dedication v
Preface xi
Acknowledgement xiii

Chapter 1: Introduction to Java 15
- Zeeshan Bhatti
- Asadullah Shah

Chapter 2: Compiling and Executing Java Code 21
- Zeeshan Bhatti
- Asadullah Shah

Chapter 3: Introduction to Data Types in Java 27
- Zeeshan Bhatti
- Asadullah Shah

Chapter 4: Arithmetic and Relational Operators 33
- Zeeshan Bhatti
- Asadullah Shah

Chapter 5: Relational and Logical Operators 39
- Zeeshan Bhatti
- Asadullah Shah

Chapter 6: Bitwise Operators and Type Casting 45
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 7: Conditional Statements 51
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 8: If-Else Statements 55
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 9: The If-Else-If Statements 61
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 10: Switch Statement 67
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

73

Chapter 11: Loops
- Agha Javed Phatan
- Zeeshan Bhatti
- Asadullah Shah

Chapter 12: Do-While Loops 79
- Agha Javed Phatan
- Zeeshan Bhatti
- Asadullah Shah

Chapter 13: For Loops 85
- Agha Javed Phatan
- Zeeshan Bhatti
- Asadullah Shah

Chapter 14: Loop Pitfalls and Exercise 93
- Agha Javed Phatan
- Zeeshan Bhatti
- Asadullah Shah

Chapter 15: Nested Loops 99
- Agha Javed Phatan
- Zeeshan Bhatti
- Asadullah Shah

Chapter 16: Arrays in Java 105
- Waseem Javaid Soomro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 17: Two Dimensional Arrays 111
- Waseem Javaid Soomro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 18: Strings 119
- Waseem Javaid Soomro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 19: Methods of String Class 127
- Waseem Javaid Soomro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 20: Object and Classes 135
- Waseem Javaid Soomro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 21: Constructors 141
- Dil Nawaz Hakro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 22: User defined Methods 147
- Dil Nawaz Hakro
- Zeeshan Bhatti
- Asadullah Shah viii

Chapter 23: Arguments Passing 155
- Dil Nawaz Hakro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 24: Return Statement 163
- Dil Nawaz Hakro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 25: Working with Classes 169
- Dil Nawaz Hakro
- Zeeshan Bhatti
- Asadullah Shah

Chapter 26: Multiple Classes 177
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 27: Method Overloading and Overriding 185
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 28: Modifires for class data 191
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 29: Inner Classes 199
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 30: Comparison between different class types 207
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

Chapter 31: Exception Handling 215
- Kamran Khowaja
- Zeeshan Bhatti
- Asadullah Shah

Chapter 32: Throw & Throws Keyword 223
- Kamran Khowaja
- Zeeshan Bhatti
- Asadullah Shah

Chapter 33: Local Block and Static Block 231
- Kamran Khowaja
- Zeeshan Bhatti
- Asadullah Shah

Chapter 34: Abstract Classes 237
- Dini Oktarina Dwi
- Zeeshan Bhatti
- Asadullah Shah

Chapter 35: Interfaces 245
- Dini Oktarina Dwi
- Zeeshan Bhatti
- Asadullah Shah

Chapter 10

Switch Statement

Asadullah Shaikh, Zeeshan Bhatti, Asadullah Shah

Abstract

An alternative to If-Else-If structure is the use of switch statements to evaluate multiple conditions all at once. Switch is similar to the if-else statements but not as powerful and is only used to compare the equal-to (==) comparison. The use of switch and case statements is discussed in this chapter.

10.1 The Switch Statement

If you need to make a choice between multiple alternative execution paths, and the choice can be based upon an integer value, you can use the switch() construct. Consider this example

```
char standing;
standing = JOptionPane.showInputDialog(null, "Press: (F)reshman, (S)ophmore,
(J)unior, s(E)nior :");
switch (standing) {
    case 'F':
        System.out.println("Go to the Wellness Center");
        break;
    case 'S':
        System.out.println("Go to the Cox Building");
```

This statement is executed if the standing is equal to 'F'.