Java Programming Lab Manual

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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
- Asadullah Shaikh
- Zeeshan Bhatti
- Asadullah Shah

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

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

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

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

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

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

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

Chapter 18: Strings
- 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

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: Modifiers for class data
- Muniba Shaikh
- Zeeshan Bhatti
- Asadullah Shah

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

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

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

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

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

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

Chapter 35: Interfaces
- Dini Oktarina Dwi
- Zeeshan Bhatti
- Asadullah Shah
Chapter 8

If-Else Statement

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Abstract
The If-Else structure provides stronger approach of controlling the program flow. It provides the bidirectional control of the program execution, where the program has to choose between two paths, if the condition is true then if() block is executed otherwise the else block is executed. In this chapter we will elaborate how if-else statement and nested if-else statement can be used in Java.

8.1 The Else Statement
The Else statement is used to provide an alternative path of execution if the condition in the if() statement is false. Consider the following example in Figure 8.1:

```
if ( testScore < 50 )
{
    System.out.println("you did not pass");
}
else {
    System.out.println("you did not pass");
}
```

Figure 8.1: structure of if-else statement