JAVA PROGRAMMING
LAB MANUAL

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<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE OF CONTENTS</td>
<td></td>
</tr>
<tr>
<td>Dedication</td>
<td>v</td>
</tr>
<tr>
<td>Preface</td>
<td>xi</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>xiii</td>
</tr>
<tr>
<td>Chapter 1: Introduction to Java</td>
<td>15</td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 2: Compiling and Executing Java Code</td>
<td>21</td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 3: Introduction to Data Types in Java</td>
<td>27</td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 4: Arithmetic and Relational Operators</td>
<td>33</td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 5: Relational and Logical Operators</td>
<td>39</td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 6: Bitwise Operators and Type Casting</td>
<td>45</td>
</tr>
<tr>
<td>- Asadullah Shaikh</td>
<td></td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 7: Conditional Statements</td>
<td>51</td>
</tr>
<tr>
<td>- Asadullah Shaikh</td>
<td></td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 8: If-Else Statements</td>
<td>55</td>
</tr>
<tr>
<td>- Asadullah Shaikh</td>
<td></td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
<tr>
<td>Chapter 9: The If-Else-If Statements</td>
<td>61</td>
</tr>
<tr>
<td>- Asadullah Shaikh</td>
<td></td>
</tr>
<tr>
<td>- Zeeshan Bhatti</td>
<td></td>
</tr>
<tr>
<td>- Asadullah Shah</td>
<td></td>
</tr>
</tbody>
</table>
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 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 Khawaja
   - Zeeshan Bhatti
   - Asadullah Shah

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

Chapter 33: Local Block and Static Block
   - Kamran Khawaja
   - 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 19

Methods in String Class

Waseem Javaid Soomro, Zeeshan Bhatti, Asadullah Shah

Abstract

As string data type internally behaves like an object, therefore all the principles of an object may also apply on string literals. That is simple the use of methods with the string variable. In this chapter some of the methods used with strings are discussed.

19.1 The substring() Method

The substring() method in String class is a very common and important method. The substring() method returns a new string that is a substring of this string. Simply stated as – a substring() returns a part or selected characters (sub string) from within a given string of words.

- substring is overloaded: there are two versions.

- The length of the substring is k - i.

  ```java
  String s = "strawberry";
  String s2 = s.substring(i, k);
  ```

  - The above code returns the substring of chars in positions from i to k-1

  ```java
  String s2 = s.substring(i);
  ```

  This code returns the substring from the i-th char to the end.

- str.substring (i) is the same as str.substring(i, str.length()).

Some more examples: