**Instructions**: You must read the material and create an outline of the topics in your OWN words.  Do not copy the text from the tutorials into your notes. Make sure your outline contains notes for each subsection of the reading assignment. Thoroughly cover each topic to show you have a firm understanding of the programming concept or construct.

| **Ques** | **NOTES:** |
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| Character class in java  String charAt() Method | This class makes available many useful methods of predefined data(character) manipulation. It is also use in regular constructs and expressions for matching singles characters from specified character sets. It makes uses a combination of methods and sets or escape sequences.   * METHOD; There are series of method in this java class too numerous to mention , but I’ll mention the very basic ones: boolean isLetter(char ch), boolean isDigit(char ch), boolean isWhitespace(char ch), boolean isUpperCase(char ch), boolean isLowerCase(char ch), char toUpperCase(char ch), char toLowerCase(char ch), toString(char ch). * ESCAPE SEQ; This class has a few escape sequences   \t - Insert’s a tab in the text at this point.  \b - Insert’s a backspace into the text at this point.  \n - Insert’s a newline into the text at this point.  \r - Insert’s a carriage return in the text at this point.  \f - Inserts a formfeed into the text.  \’ - Inserts a single quote character into the text.  \” - Inserts a double quote character into the text.  \\ - Inserts a backlash character into the text.  This is a method under the character class earlier discussed. It uses the index parameter to fetch and returns output of specific index inside strings, where the index value is between 0 and length of string - 1 (since in java we begin counting form 0, if a string length id 29 for instance, we’ll minus 1 from 29 making our total string length is 28). The method will throw an IndexOutofBoundsException in cases where the index is either greater than the total length or less than 0. |
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