**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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| Java Syntax  Java Comment  Java Variable  Java Data Types  Type Casting  Java operators  Java User Input  Java-Convert String to int using Integer.parseInt(String)  Java Convert String to Double using Double.parseDouble(String) | This is a set of rules that help dictate the correct writing of java programming language with use of elements and keywords that perform various tasks.  A rule that makes the readability of a java code or script easier, also used as codes executing prevention during code tryouts. It makes use of // and /\*…..\*/ characters.  This refers to the environment that holds specific data types used throughout a program. E.g(string, boolean, float, char, int). It uses identity with unique names called identifiers to foster code understand-ability and maintenance.  This is the classification of variables which tells the type of data it holds, the format and size of variable is also determined and stored in it.  The ability and process of converting a specific data type to a another data type and vice versa.  These are designed specifically for mathematical operations on values and variables. The operators (comparison) help make decisions and find answers in programming.  Known as scanner, found in the java.util package and part of java standard library. It is used for taking input from user in java scripting.  This method converts or takes a string and return an integer. This string cannot be converted if it contains any non-numeric character.  In this method, the passed string argument returns a dual or double representation depending either a null string is specified or the string format is wrong. |
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