**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 Boolean**  **Java If/else**  **Decision Making**  **Java Operators** | This is a fundamental data type used in conditional and logical operations that has only a single outcome (true or false). It makes use of a variety of expressions (true, false, if-else, while, do-while including expressions) for variable results evaluation.  This specifies the conditions for specific actions and decisions to be executed in a block of codes. One must be careful to express it all lowercase letters so as not to receive or generate an error response.  The above mentioned conditions are grouped and used as control statements in order for a program to be executed properly. Using the diamond shape in the pseudo code shapes as decision making is now very relatable.  Java uses special symbols and keywords to carry out operations with values, expressions and variables to produce desired results. These operators are grouped into 6 groups;  ***Arithmetic Operators:*** +, -, \*, /, %, ++, --.  ***Assignment Operators:*** =, +=, -=, \*=, /=.  ***Relational Operators:*** ==, !=, >, <, >=, <=.  ***Logical Operators:*** Logical AND(&&), Logical OR(II), Logical NOT(!).  ***Bitwise Operators:*** Bitwise AND(&), Bitwise OR(I), Bitwise XOR(^), Bitwise complement(~), Left shift(<<), Right shift(>>).  ***Conditional Operator:*** Ternary operator (?:) |
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