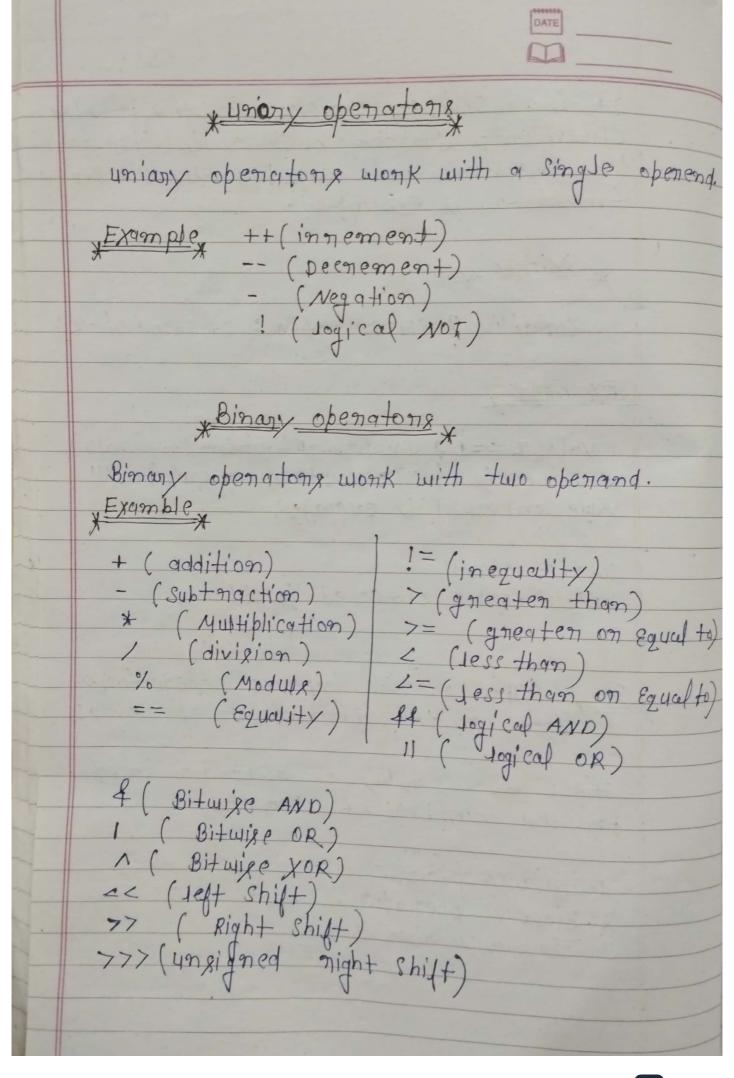


H (Condition - 1 / Condition - 2) } Statements; print the Number if the input value ix greater than 10 on less than 5. * Code * if (val 25 // val > 10) } System. out print (val); Case-1: Val = 3 output - 3 Explanation- The input value is less than 5.
it is enough to statisfy the Condition so
the Second Condition won't be tested and the val will be printed. Case-2: Val = 7 explanation - Both the Conditions are evaluated * Ternary openation (?:)

It is a smaller vension for the it-else Statement. If the Condition is true then the Statement -1 is executed else the State -ment -2 is executed. * Symax x Condition? Statement-1: statement-2; * Example * Val % 2 == 1 ? System. out printla ("value entened is odd"): System. out. pnintln(" Value entened is even); Case-1: Val = 1 output - value enteried is old based on the number of openands? there are 3 types of openation based on the number of open ends. 1. Uniary openation 2. Sinary openator 3. Tennany openaton



* Tennany openation

tennary operator is the only operators in Java that takes three operands.

* syntax *

condition 2 expression 1: expression 2]
if evaluates the Condition and neturnar
expression 1 if the Condition is true, or
expression 2' if the Condition is true.

* programming?

Ang Let's say we have a vaniable. Now, we want to do Multiple openations on it based upon what value it is stoning. In Such cases the Swithch statements Comes into play.

It is like an if-else ladden with rultiple Conditions, where we check for equality of a variable with various values.

It works with byte, short, int long enum types, String and Some wrappen types like Byte, short, int, and long.

Since Java 7, you can use Stainy in

the Switch statement. Switch (expression) { Case X: 11 Code bacak; Cage y: bneak; default: // code Note: The case value must be literal on Constant, and Must be unique. At ainth anetic openation in Java? Jengton in Java? level's of ginthmetic

	DATE
	openation Mouning precedence
	- phecedence
	t unany minus highest the sunany plus highest Multiplication middle Vo division Middle
	+ nemainden Middle - addition Joul
C	Syb-forge Hom. Jour
	und use of Conditional statements in
S	In They age 14580 HI
	you to Contral the flow of program based on Centain Condition. Other
	different Coole blocks depending on whether a specified condition of
	on False. In Java thene and thene the temen the end statemen the if' and else.
	* Syntax of st Statements
	if (Condition) }
	Il code to be executed if the Conditionis true
	3

Clase of Statement Syntax of else of statement if (conditions) } 11 code to be executed it Conditions is true clse if (Condition 2) } Hode to be executed it Conditions is true elge { It code to be executed it mone of Conditions and truex/ ax of else Statement if (Condition) } 11 code to be executed it Condition is true elge ? Handition is true 1/ Code to be executed if the Condition into

1.6 What is the Syntax of it else statements sal following and the Syntax of it else statem Tents: if (Condition) } 11 code to be executed if condition is true 3 clse ? 1/ Code to be executed if Condition is false 0.7 What are the 3 types of itemative Statements in Jara? Sala tollowing and the 3 types of itenstive Statem Tents in Java: (2) The while loop (3) The for Joop (3.) The do-while Joop & Syntax of the while Joop Initialization; while (condition) § Stytements. Inc/dec

* Syntax of the fon loop for (initialization; Condition; updation) s Stylement; * Syntax of do-while toop x Statement; updation; and do-white toop 3 enence blew for loop fon loop: - (10) The fon! loop is used when you know in advance how many times you want to execute a block of code. (3) It has specific structure with initalization, a condition, and a itemation expenses (3) If Finst checks the bondition and then executes the code block. (4) if the Good tion is false from the beginning the Code block inside the loop and not

