	Operators and Loops. Assignment
1.	What are the conditional operators in
-	Java?
<b>→</b>	
	in lava, the conditional operators is also
	called the texnaxy operator; because
	it takes three operands.
	Condition? Value Fotxue: Value F False.
	Example
· 100	be interior = x=10; 12 200 500000
	1
21.5	int Y = 20;
	int max = (n>x)? n: Y;
	or from her more the more than
	Santare recipelible
2.	What are types of operators based on
	the number of operands?
$\rightarrow$	
	· Unaxy opexatoxs: These opexatoxs take a
1 1	Single operand. Examples include the
1011	negation operators (-x), the increment
arst.	operators (++x) and the logical Not
1 . 1	opexatoxx (!x).



	EXT
	in+ x-10;
ja en ja	inty=-X;
	Binasy operators. These operators take two
	operands. Examples include the addition
1	operators (x+Y), the subtraction operators
uhal	(x-y); the multiplication operator (x*y), and
	the division operator (X/Y).
	Ex> int sum_mty;
	A THE RESIDENCE OF THE PARTY OF
,	Texnoxy opexatoxs: This opexatox takes
19	three operands, In Java, this is the conditional
	operators, also known as the ternary operator.
	It takes the from of condition? Value FTrue:
	Value f folse:
	· 2 (m) 2 m 10 m (v m)
	Ex> in+max = (n>y) 9 n:y;
3.	What is the use of switch case in Java
II V	programming?
>	The switch case in Java is used to
	select one of many code block for
	execution:
	t, <u>23</u>
	Break keyword: As java reaches a break
	keywood, the control break out of the
	switch block. The execution of code stops
	on encountering this keyword, and the
	on encountering this keyword and the case testing inside the black ends as

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	the match is found.
4.	What are the priority levels of a sithmetic
->	In Java, paxenthesis 1) and Axxay subscript [] have the highest pxecedence in Java. Fox example, Addition and subtraction have higher pxecedence than the left shift and Right Shift operators.
	What axe the conditional statements and Use of conditional Statements in Java? Java has the following conditional statements: Use if to specify a block of code to be executed, if the same block condition is false. Use else if to specify a new condition to text, if the fixst condition is false.
	What is the syntax of if else statement An if statement can be followed by an optional else statement, which executes when the Boolean expression is false Syntax
	Following is the syntax of an if else statement-
- 1901 - 1	if (Boolean Expression) & Ses 11. code
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	Date			
1	else &			
	llcode			
**	3 san work on the ways of the			
Pos	The state of the s			
17.	What are the conditional 3 types of itexative			
01	statements in Java?			
$\rightarrow$	The java programming language provides,			
	The java programming language provides, a set of iterative statements that are used			
14.1	to execute a statement or a black of			
	Statements repeatedly as long as the given			
	condition is true. The literative statements			
	axe also known as looping statements ox			
	repetitive statements. Java provides the			
	following itexative statements.			
<del>X</del>	While Statement			
<del>*</del>	do-while statement			
	for statement.			
<b>Q</b> .	Write the difference between for loop and			
	do-while loop?			
	Fox loop Do while loop			
	The Java fox loop is . The Java do while loop 1x			
	a control flow a control flow statement			
	Statement that it exacts that executes a past of			
	a past of the program the programs at least			
	multiple times. once and the further			
	execution depends upon			
	the given bodeon condition			
	U			

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		· If the number of iteration is not fixed and you must have to execute the loop at least one lit is recommended to use the do while loop.
	For (init; condition; incol deca) of 1/ code	· do {  // code  // while {condition};
q.	Write a program	to print numbers
→ → — → — — — — — — — — — — — — — — — —	Public class  Public static voice  S  Fox (int i= 1; ix=1)	d main (string [] axgs)
	System.out.P	