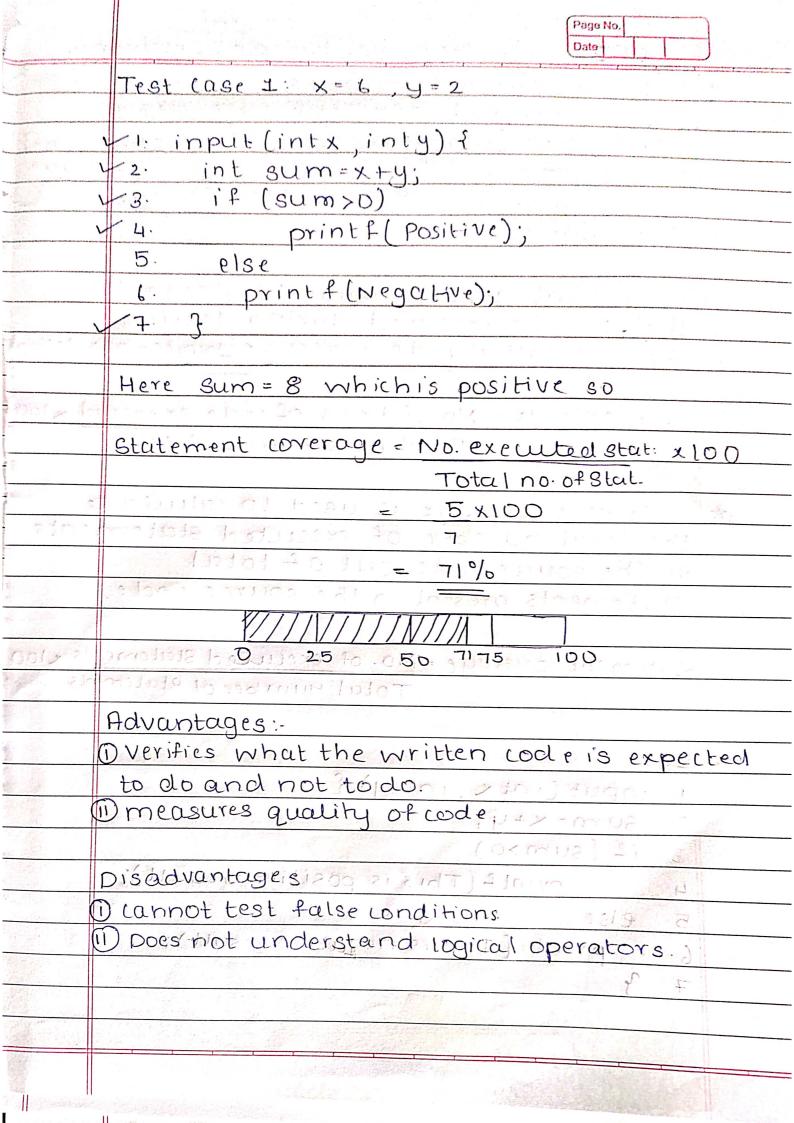
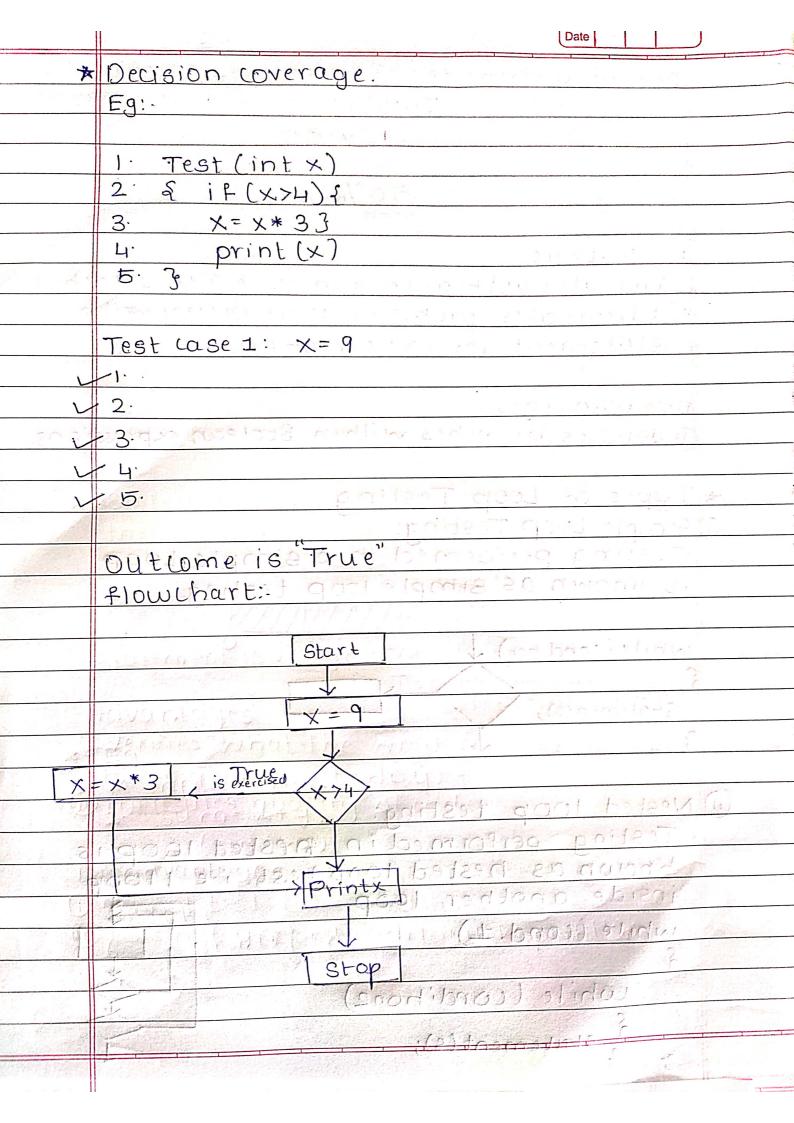
CH2: Test cases for Simple Programs * Test case design techniques 1) Specification-based Test case design Destructure based Test case Design Technique. @ Experience-based Test case Design Technique. * The percentage of program statements that can be invoked during testing phase is called code coverage [white-box testing]. code coverage = No. of lines of code exercised x100-Total no. of lines of Lode * Statement coverage is used to calculate the total number of executed statements in the source code out of total Statements present in the source code. Statement coverage = No. of executed statements x 100 Total number of statements Egra enalgon proffixion and I had i. input (intx, inty) for home 2. sum= x+y; if (sum >0) 5: else anorthers result); 6. 210 printf (This is negative result); 7.





	Page No.
	Decision coverage = No. of decision outcomes exercised x 100
A SAMPLE AND AND A SAMPLE AND A	Total number of decision outcomes
	= 1 ×100
	2
11	= 50%
	Advantages
A SECOND	D'Validates all branches in code ane reached.
	DEliminates problems that occur with
Maria Maria	Statement coverage testing.
	Disadvantages
	O agnores branches within Boolean expressions.
*	Types of Loop Testing
<u>[</u>	Simple Loop Testing:
	·Testing performed in a simple Loop
1000	is known as simple loop testing.
	while (condition)
Table 1	2
mp -	Statemen(s);
E M	3
(1)	10日 10日 10日 10日 10日 1日
	Nested 100p testing:
	· Testing performed in snested loop is
	Known as nested loop test i e 1100p
	inside another loop
	white (cond. 1)
	à lubile le sedille
District.	while (condition2)
20 - 12 - 12 - 12	Statement(S);
	3 }

