(Control Statements)

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(antro) 6tatements	

instructions that alter the normal sequential flow of execution. They allow you to make decisions, repeat code blacks, or jump to specific sections of your program.

For.eg. 1) If it's raining, wear a raincoat. Else, wear a T-shirt.

2) If the username & passwood match, goont auxs. Elese, display an error message

3) If the product is in stock, allow prochage. Else, displey on "Out of stock" message.

(ontro) statements evailable in Java

- Decision making Used to make decisions based on · if Statement conditions
 - · if-else Statement
 - · Switch statement

- Looping Statements - Weed to repeatedly execute a block of code.

- · for loop. . For-each loop.
- · while loop.
- · do-while loop.

- Jump statements - Used to attor the normal flow of execution. • break • continue statement. • return [if statement] " conditional statement that executes a block of code if a specific condition is true." Ex. Checking if coffee shop customer is eligible for a discount. [If Amount spent by customer interventions is statement to ocion is statement to ocion is statement to socion is statement.		
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Ex. Grade calcutation based on marks. int marks = 85; if (marks 7=90) 6 printen (" Grade: A"); else if (marks 7=80) L printen (" Grade: B") ytomastrata transitiones else if (mosks 7= 70) { printlnc" Grade: ("); else if (morks >= 60) 2 pointen ("Grade " D"); elser printenc" Grade = F"); tousing seasons to

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