CONTROL STATEMENT IN R

control statement if condition. next statemen if-else nested condition nested return while Statement 1000 for loop repeat and break statement (1) if condition 2) if-else condition. (3) for Loop Systex: Syntax: Syntax: if (expression) { for (value in rector) { if (expression) Statement Stotements statement felsed Statement (3) repeat loop and break statement repeat is a loop which can be iterated many number of times but there is no 4) while loop Syntax: while (expression) exit condition to come out from the los Statement So, break statement is used to exist from the loop break statement com be used in any type of loop to exit from the loop. syntax: repeat {
 statements if (expression) {

break

6) return statement: return statement is used to naturn the result of an executed function and seturns control to the calling function. Syntax: return (expression) (7) next statement: next statement is used to skip the runnered iteration. without executing the further statements and -condit continues the next iteration eyele without terminating the loop. example: x < 1:10 for (i in x)-{ if (i%.%21 = 0){ print(i) (8) Switch case statement: switch come statements are a substitute for long if statements that compare a variable to several. integral values. Switch cose in R is a mustimany branch statement. It allow a variable to be tested for equality against a list of values. Switch statement follows the approach of mapping and searching over a list of values, if there is more than one moth for specific value, then the switch statement will return the first match found of the value matched with the expression Syntax: switch (expression, cose 1, cose 3) Here, the expression is mothed with the list of values and the corresponding value is returned.

An expression type with character stoling always matched to the listed cover. - An expression which is not a character For multiple matches, the first moth element. will be used. No default argument core is available there is R Buitch care. An unnamed case can be used, if there is no motched consi example: valid = 6 val 2 = 7 vol3 = "S" result = soutch (val 3, " a" = cot ("Addition=", vol 1 + voil 2), "d" = cost ("Subtraction = ", vall - val2), "r" = cot (" Division = " , val 1/ val2), = cot (" Multiplication = ", val + val 2), = cat ("Modulus = ", val 1% val 2), "p" = cot ("Power = ", val 1 ^ val2)) print (result) autput's multiplication = 42 NULL * a programming language doesn't support goto statement concept.

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