Aim: Study of Control Statements THEORY: D. it... else... fi statement It is a form of control statement that allows Shell to execute statements in a controlled way and make the right choice. SYNTAX: if Lexpression ] Statement statement. 2). Case ... esac statement · This statement allows to give an expression which can be used to evaluate and to execute several different statements based on the value of the expression. The interpreter checks each case against the value of the expression until a match is found.

If nothing matches, a default condition will be SYNTAX: Case mord in pattern 1) Statement

pattern 2). Statement esac. Degical OR:

The logical OR"-0" operator will give towe if any one of the operand is towe.

If both operands are false then it will return palse. 3) LOGICAL OPERATORS: i) dogical OR: ii). hogical AND:

The logical AND "-a" operator will

give true if both the operands are · Otherwise, false Egi) if ['expr \$a.j. 2'== 0 -a \$a -gt10] ii). if ['enpr \$a/.2' == 0 -0 \$a - lt 10] 4) test command: execution of shell commands. test exits with the status determined by EXPRESSION.

Placing the EXPRESSION between square brackets ([and]) is the same as testing the EXPRESSION with test. Eg. test 100 - lt 99 & & echo "Yes." 5) WHILE LOOP: The doop keeps on executing the lines of code while an expression is true. SYNTAX: while [ < some test >] <commands> 6) UNTIL 200P: . The until loop is fairly similar to the while · The difference is that it will execute the commands within it until the text becomes SYNTAX: until [<some test>] done for each of the items in a given list. · The for loop will take each item in the lut ( in order one after the other), assign that