# conditional Statements | Shall Script; -> There are live conditional statements which can be used in past bustamming. ) It statement 2) 91-81se Statement 3) 91-814-1818e. It Stotements 4) 91 ... then ... 8/se .. if ... then ... fi (Nested it) 5) Switch Statement 1) 91 Statement: In this Statement the block will process It specified condition is true Syntax:

[] [: Expression] Statement **\**; Examples 0=20 b=30 il [\$a==\$b] then Echo "O is Equal to b" fi if [\$0 != \$b].

then

[\$0 != Bb]

Ontonf: 0 is not Equal to b. 2) 91-81se Statement: In this Statement 91 specified condition is not true in it part than 81se part will Execute Syndax [Expression] li then Statement 1 E130 Statement 2 1; Example: 0=20 b=20 [de== 08] li then Echo "a is faud to b"

Else

Echo "a is not Baud to b"

fi

OUTPUT:

o is Equal to b

3) It. 8/1. 8/19e. it Statement (8/19e it ladder): To use multiple conditions in one if - Else block, then Elif Keyword is used in Stell. if Expression 1 is truk then it Exercites Statement 1 and 2, and this Process continues. It none of the condition is true then it processes Else Part Syntox: if [Expressions] then Statement 1 Statement 2 [snoteenque] fil3 then Statement 3 Statemen & 4 6/32 Statement 5 ₽; 4) If then Else if then & fi [Nested il]: Nested if - Else block con be used when, one londition is satisfies then it again Checks another wordition. In Syntax, it expressions is fole then it processes Else part, and again Expressions will be check, Syntan: if [Expressions]

then

Statement 1 Statement 2 92/30 if [Expression2] then Statement 3 X; f. 5) Switch Statement: In this if Specified value moter with the Pattern then it will Execute a block of that panticular pattern This cope will be terminated when the last command is Executed Case in Pottern 1) Statement 1; Pattern n) Statement n;; 830c example: CARs = "bmu" Case "SCARS" in "mer (edes") Echo "Headquarters - ABC, vormany"; "ong, " ECUD " Heagdnowerd - Indo ' Nerman"; "brow") & cho "Headquarters - Chennai, Tamil Madu, India"; & Sac OUTPUT; Headquarters - Chennai, Tamil Madu, India

# Loops in Shell scripts:

Bosh Supports:

- for loop

- while loop

- Until Loop

No after the low of loop statements, two commands one used they are;

1) Break

2) Continue

- for Stotement: The for loop operate on list of items, It repeats a set of commands for Every item in a list.

Statement to be Executed

done

while statement: Here the Command is Evaluated and based on the result loop will Executed; it command raise to false then loop will be terminated

Syntax: While lammand

do

Statement to be Executed

done

until statement: The until loop is Executed as many as times the landition commands Evaluates to false. The loop terminates When the condition commands become true gantar: until command db Statement to be Executed until true done Example 0=0 [01 tg- 08] (HMD дo Echo Ba 0= 'Expr \$a+1' done Example (while loop): 0=0 while [Ba -lt 10] do Echo \$a 0 = ' Expr \$0+1'

done done (for loop):

lo LORS = " green red blue"

for (oLOR in \$ (oLORS

do

echo "(oLOR: \$ (oLOR"

do ne