Thaired Conditionals Sometimes there are more than two possibilities and we need more than two branches. elif abbreviation "else if"

Ly Reserved word

T[F

if x < y:

print (" x is less than y') / T

selif x > y: T[F

print (" x is greater than y') / S

relse:

print (" x and y are equal")

There is no limit on the number of elif statements. It there is an else clause, it has to be at the end, but these doesn't have to be one.

if choice = = 'a': T print ('Bad guess')

elif choice = = 'b': T

print ('Good guess')

clif choice = = 'c': T

print ('Close, but Not correct)

Yes Print (1/ess) the Escit Logic N0Yes Print ('greater' No Print ('equal')

Each condition is checked in order. It the first is false, the next is checked, and so on. If one of them is true, then workerponding branch executes, and the statement ends. Even if more than one condition is true, only the first true branch executes.

Mested Conditional Condition inside another condition. if x == y: PIF

print ('x and y are equal')

else:

print ('x is less than y')

False delse:

print ('x is greater than y'') The outer conditional contains two branches. First branch, Contains simple Statement. The second branch contains another if statement, which was two branches of its own. Those two branches are both simple statements. Print ('xis a positive-single digit no") 0 < 45 0 < 45 0 < 2 2 < 10 2 < 10 2 < 10

Some effect with AND Operator

If $0 \le x$ and $x \le 10!$ X

III (5) print (' x is positive single digit No')