print (false) # False olish = sideing

def make Longer (string, longer): if longer: 252 colo positional sol return string + tothing

else:

return string being passed to

parameter longer

parameter longer

print (make longer ("abc", True)) # 'abcabe'

print (make longer ("xyz", False)) # xyz'

def is-digit (char): if 'ø' <= char <= '9':

return True

else: my hor making common

return False

print (is-digit ("5")) # True print (is-digit ("a")) # False

	1 -
value = True & You usually would not do this;	72025
it walks a -	7
o would is line;	
print ("H's True")	
ely value is false:	
print ("It's False")	
are a company of the party of t	2
print (" It's not true or false!")	
Switz the Court James and I take	
Expressions and Conditions	
Pather than implementing value = True, you would	ld
expression that evaluates to True or	
Tale	
numer [ (Es mus) has (or s muss) to	
if num < 1000 comments	
print ('small namber')	
else:	
print (large number)	
# small number as 5 <10 is True	
eloi + (z-: man) here (OS TANA) bus (OIS ANA) tem	
· Functions usually don't return True or fale.	
def is small (number):	
return number < 10:49 of 19	
num = 15	
printe large number	
if is-small (num): as 15210 evalue	
print ("small number") to False.	
else:  print ("larget number")	4
print ( arget number")	

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3

Logical Operators.

Evaluate express

these returns

· Evaluate expression that make two subexpressions, then return a value that evaluates to True or False

The and operator:

\* Evaluates as True when the sub-expressions evaluate as True:

print (True and False) # False

print (False and True) # False

print (False and True) # False

print (False and False) # False

print ((num < 10) and (num > 3)) # True

-> parentheses are not essential

· Can chain as many sub-expression as you like with and . True False False

print ((num <10) and (num 720) and (num!=5) # False

Evaluation of the expension ended once norm > 20 evaluated to folse

The or operator!

evaluates as True when either of the two subexpressions evaluate as True. False otherwise.

· Short-circuiting can be dangerous but can also be hardy.

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