WarmUp-2

Due No due date **Points** 20 **Questions** 20

Available Sep 24 at 8am - Sep 24 at 3:01pm about 7 hours Time Limit 10 Minutes

Allowed Attempts 2

Instructions

Welcome to CNL

You have 10 minutes to answer 20 questions.

This quiz was locked Sep 24 at 3:01pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	18 out of 20

Score for this attempt: **18** out of 20 Submitted Sep 24 at 10:12am This attempt took 10 minutes.

	Question 1	1 / 1 pts
	The ** operator:	
Correct!	performs exponentiation	
	operforms duplicated multiplication	
	odoes not exist	
	performs floating-point multiplication	

Question 2	1 / 1 pts
One of the following variables' names is illegal – which one?	

Question 5 1 / 1 pts

What is the output of the following snippet?

x = 1 / 2 + 3 // 3 + 4 ** 2

print(x)

17.5

17

8.5

What is the output of the following snippet?

x=1
y=2
z=x
x=y
y=z
print(x,y)

Correct!

② 21
① 12
② 11
② 22

Question 7

The value eventually assigned to x is equal to:

x = 1

x = x == x

Only one of the following statements is false – which one?

The result of the / operator is always an integer value

multiplication precedes addition

the right argument of the % operator cannot be zero

the ** operator uses right sided binding

Question 9

The value twenty point twelve times ten raised to the power of eight should be written as:

20.12E8

20.12E8

20.12*10^8

20.12E8.0

Question 10 1 / 1 pts

What is the output of the following snippet if the user enters two lines containing 2 and 4 respectively?

x=input()
y=input()
print(x+y)

Correct!

24

6

4

2

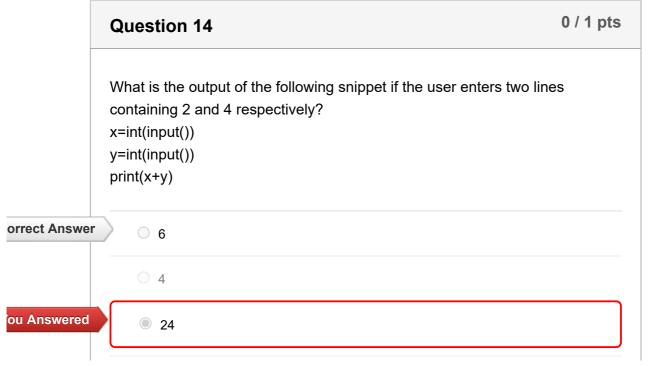
What is the output of the following snippet if the user enters two lines containing 3 and 6 respectively? x=input() y=int(input()) print(x*y) Correct! 3333333 18 666

Question 12 What is the output of the following snippet? z = y = x = 1 print(x,y,z,sep='*')1*1*1

Correct!

0 111			
Охух			
x*y*z			

What is the output of the following snippet if the user enters two lines containing 2 and 4 respectively? x=int(input()) y=int(input()) x=x//y y=y//x print(y) Correct! the code will cause a runtime error 2.0 4.0 6.0



2

	Question 15	1 / 1 pts
	The print() function can output values of:	
Correct!	any number of arguments (including zero)	
	iust one argument	
	any number of arguments (excluding zero)	
	onot more than five arguments	

Question 16	1 / 1 pts
What is the output of the following snippet? x = 2 + 3 * 5. print(X)	
the snippet will cause an execution error	
O 17	
O 17.0	
25.0	
	What is the output of the following snippet? x = 2 + 3 * 5. print(X) the snippet will cause an execution error 17

	Question 17	1 / 1 pts
	The meaning of the keyword parameter is determined by:	
Correct!	the argument's name specified along with its value	

its connection with existing variables
its value
its position within the argument list

What is the output of the following snippet if the user enters two lines containing 11 and 4 respectively? x=int(input()) y=int(input()) x = x % y x = x % y y = y % x print(y) Correct! 1 2 4 5

	Question 19	1 / 1 pts
	The result of the following division: 1 / 1	
Correct!	is equal to 1.0	
	cannot be predicted	
	Cannot be evaluated	
	is equal to 1	

Jnanswered	Question 20	0 / 1 pts
	The \n digraph forces the print() function to:	
orrect Answei	break the output line	
	stop its execution	
	O duplicate the character next to the digraph	
	output exactly two characters: \ and n	

Quiz Score: 18 out of 20

WarmUp-3

Due No due date	Points 20	Questions 20	Available Oct 1 at 8am - Oct 1 at 2:40pm about 7 hours
Time Limit 10 Minute	es		

Instructions

Welcome to CNL -4

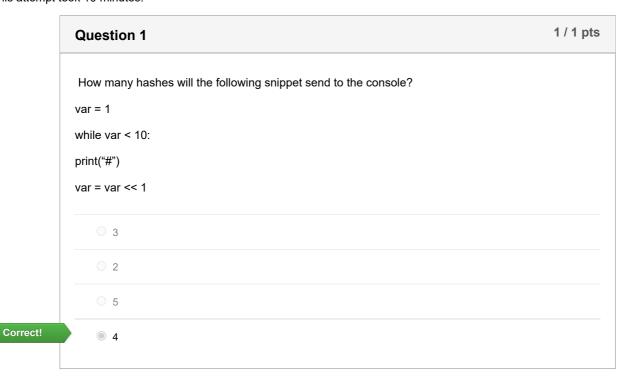
You have 10 minutes for this task (20 questions).

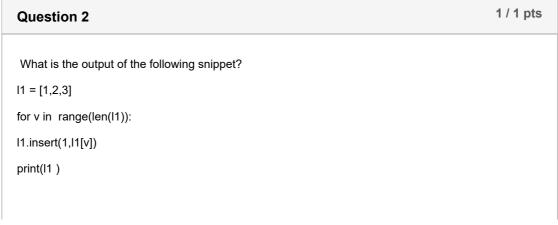
This quiz was locked Oct 1 at 2:40pm.

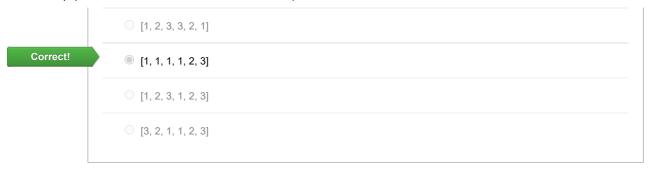
Attempt History

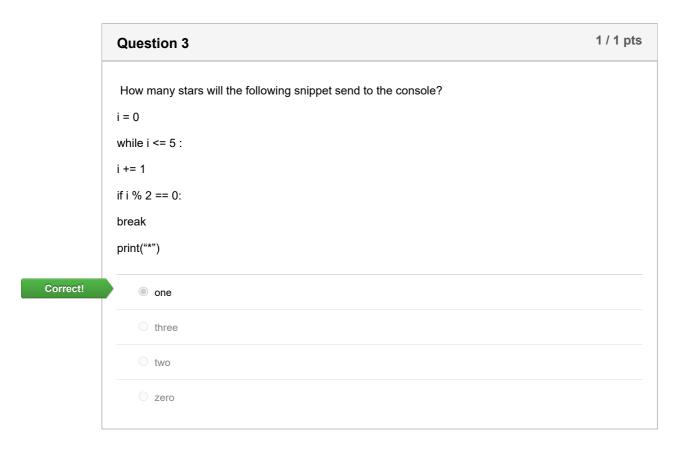
	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	20 out of 20

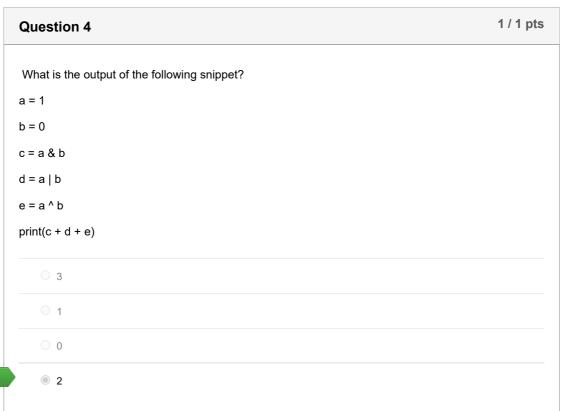
Score for this quiz: **20** out of 20 Submitted Oct 1 at 10:18am This attempt took 10 minutes.





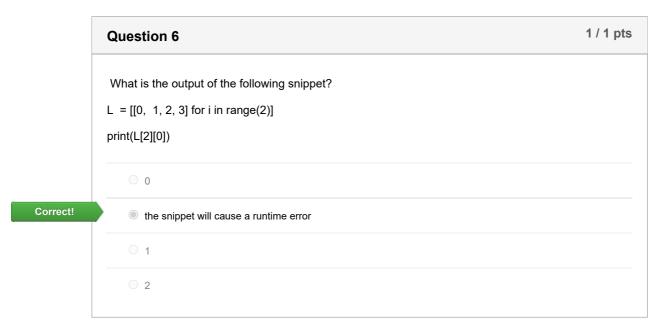






Correct!

	Question 5	1 / 1 pts
	lst = []	
	del lst	
	print(lst)	
	© [0]	
	nothing	
Correct!	NameError: name 'lst' is not defined	



```
Question 7

for i in range(0, 6, 3):
    print(i )

Correct!

0 03

54

24

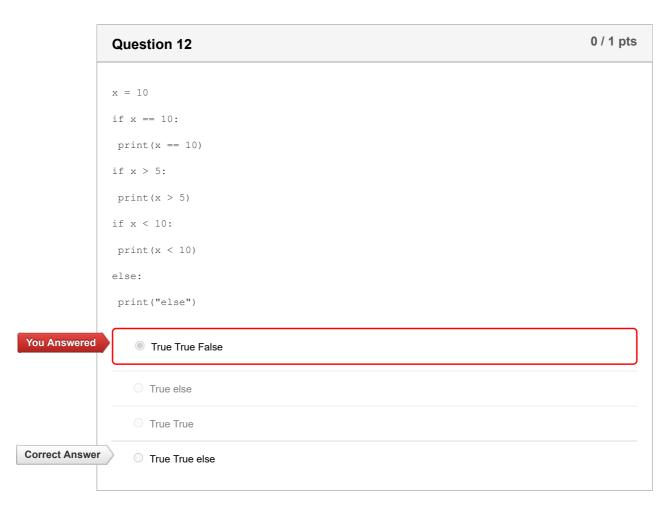
13
```

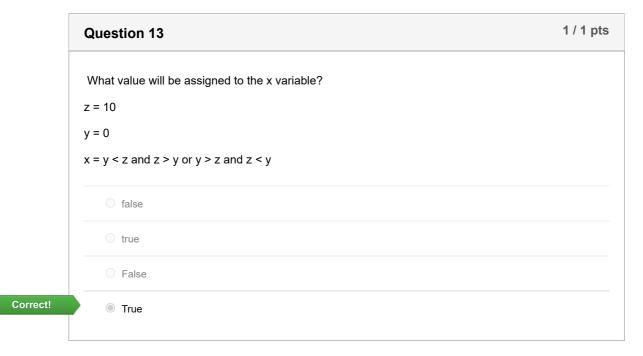
```
Question 8 1 / 1 pts
```

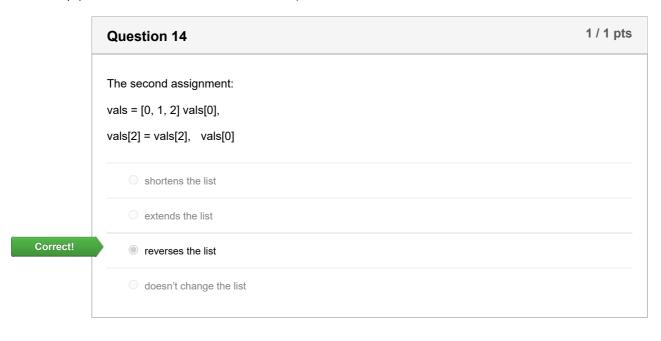
	x, y, z = 5 , 10, 8		
	print(x > z)		
	print ((y - 5) == x)		
	O True True		
	False False		
Correct!	False True		
	○ True True		
	Question 9	1 / 1 pts	
	What is the output of the following snippet?		
	lst = [3, 1, -2]		
	print(lst[lst[-1]])		
	O -1		
	○ 3		
	O -2		
Correct!			
	Question 10	1 / 1 pts	
	An operator able to check whether two values are equal is coded as:		
	○ =		
	O ===		
	○ !=		
Correct!			
	Question 11	1 / 1 pts	
	What is the output of the following snippet?		

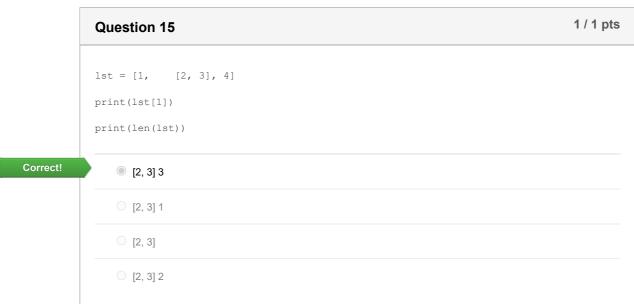
print(lst[-3: -2])

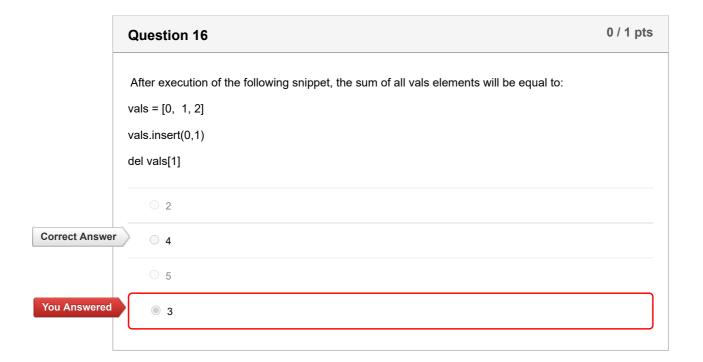




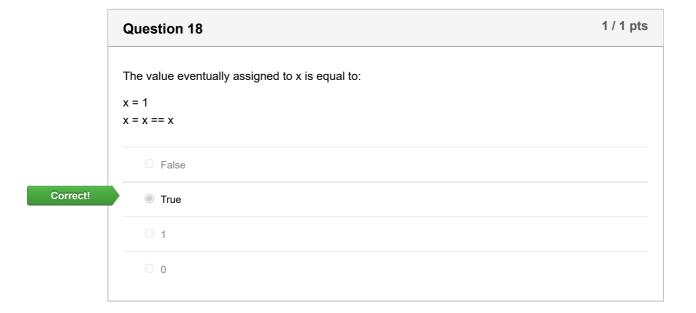






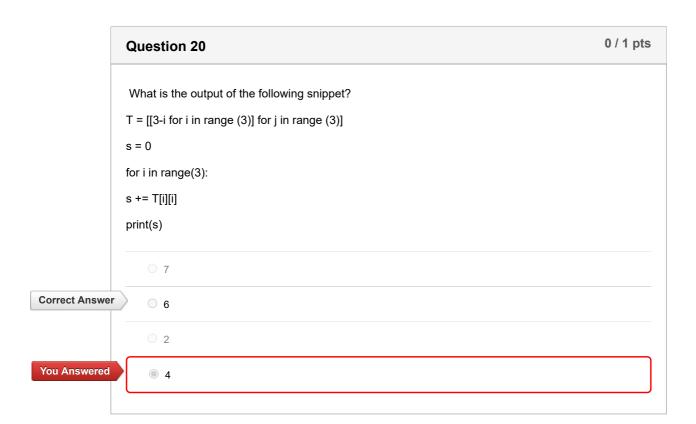


	Question 17	1 / 1 pts
	<pre>11 = ["A", "B", "C"] 12 = 11 13 = 12 del 11[0] del 12 print(13)</pre>	
	○ ['A', 'B']	
	○ ['C', 'B']	
	○ ['A', 'C']	
Correct!	◎ ['B', 'C']	



Question 19	1 / 1 pts
What is the output of the following snippet?	
I1 = [1,2,3]	
12 = []	
for v in I1:	
I2.insert(0,v)	
print(I2)	
○ [1,1,1]	
O [1,2,3]	





Quiz Score: 20 out of 20

This quiz score has been manually adjusted by +3.0 points.

WarmUp-4

Due No due date **Points** 20 **Questions** 20 **Available** Dec 3 at 12pm - Dec 10 at 4pm 7 days **Time Limit** 10 Minutes

Instructions

Welcome to CNL

You have 10 minutes to answer 20 questions.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	15 out of 20

Score for this quiz: **15** out of 20 Submitted Oct 17 at 3:19pm This attempt took 10 minutes.

	Question 1	1 / 1 pts
	What is the output of the following snippet? def fun(inp=2,out=3): return inp * out print(fun(out=2))	
Correct!	4	
	the snippet is erroneous	
	O 6	
	○ 2	

Question 2 1 / 1 pts

	Which of the following lines properly starts a parameterless function definition?		
Correct!	def fun():		
	function fun():		
	fun function():		
	O def fun:		


```
Question 4

1/1 pts

What is the output of the following snippet?

def fun(x):

global y

y = x * x

return y

fun(2)

print(y)
```

	the code will cause a runtime error	
	O 2	
Correct!	© 4	
	None	
	Question 5	1 / 1 pts
	The fact that tuples belong to sequence types means:	·
	they are actually lists	
	they can be modified using the del instruction	
	they can be extended using the .append() method	
Correct!	they can be indexed and sliced like lists	
	Question 6	1 / 1 pts
	Which of the following statements is false?	
	The None value can be compared with variables	
	The None value cannot be used as an argument of arithmetic	ic operators
Correct!	The None value may not be used outside functions	
	The None value can be assigned to variables	
	Ouestion 7	1 / 1 pts
	Question 7	17.100

WarmUp-4: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunication networks

2021/12/10 下午4:33

What is the output of the following snippet?

def fun(x):

if x % 2 == 0:

return 1

else:

return

print(fun(fun(2)) + 1)

1

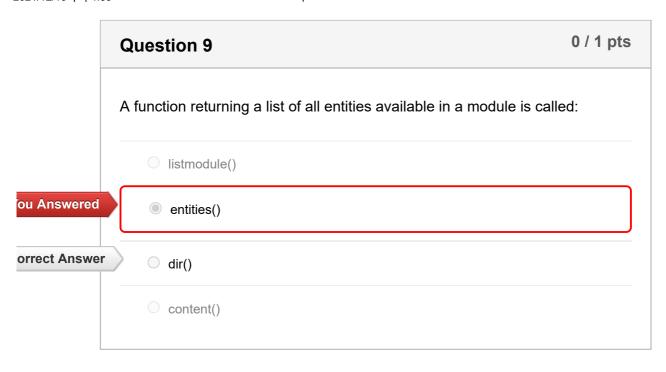
2

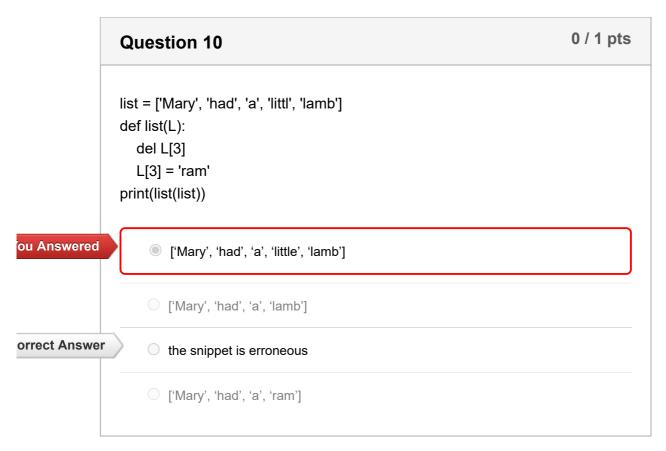
Correct!

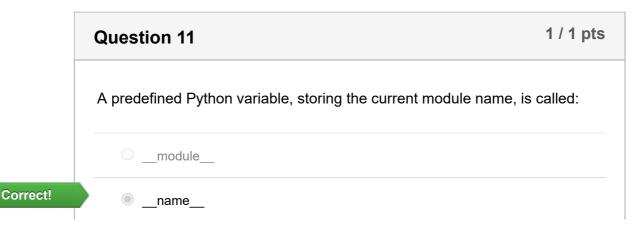
the code will cause a runtime error

None

	Question 8	1 / 1 pts
	What is the output of the following snippet?	
	def fun(x):	
	x += 1	
	return x	
	x = 2	
	x = fun(x+1)	
	print(x)	
	O 3	
	the code is erroneous (because of the arguments)	
Correct!	4	
	O 5	







modname	_		
mod			

Assuming that tuple is a correctly created tuple, the fact that tuples are immutable means that the following instruction: tuple[1] = tuple[1] + tuple[0] Correct! is illegal can be executed if and only if the tuple contains at least two elements is fully correct may be illegal if the tuple contains strings

Question 14 1 / 1 pts

	The following snippet:
	def func1(a):
	return a ** a
	def func2(a):
	return func1(a)*func1(a)
	print(func2(2))
	O 4
	is erroneous
Correct!	16
	O 2

	Question 15	1 / 1 pts
	What is the output of the following snippet?	
	def any():	
	print(var + 1,end="")	
	var = 1	
	any()	
	print(var)	
	O 12	
	O 22	
Correct!	© 21	
	O 11	

Question 16 1 / 1 pts

	What is the output of the following snippet?			
	<pre>dct = { 'one':'two', 'three':'one', 'two':'three' }</pre>			
	v = dct['one']			
	for k in range(len(dct)):			
	v = dct[v]			
	print(v)			
	one			
Correct!	two			
	('one', 'two', 'three')			
	three			

	Question 17	1 / 1 pts
	What is the output of the following snippet? def fun(x,y,z): return $x+2^*y+3^*z$ print(fun(0,z=1,y=3))	
	the snippet is erroneous	
Correct!	9	
	O 0	

Question 18 0 / 1 pts

What is the output of the following snippet?

```
tup = (1, 2, 4, 8)
              tup = tup[1:-1]
              tup = tup[0]
              print(tup)
orrect Answer
                   2
                  the snippet is erroneous
ou Answered
                   (2,)
                   (2)
```

```
0 / 1 pts
              Question 19
              What is the output of the following snippet?
              def f(x):
                 if x == 0:
                   return 0
                return x + f(x - 1)
              print(f(3))
                  12
orrect Answer
                  6
ou Answered
                   3
                  0 1
```

0 / 1 pts **Jnanswered Question 20** The following statement:

	from a.b import c
	causes the import of:
	entity a from module b from package c
	entity c from module a from package b
	entity b from module a from package c
orrect Answer	entity c from module b from package a

Quiz Score: 15 out of 20

WarmUp

Due No due date **Points** 10 **Questions** 10

Available Oct 15 at 10am - Oct 20 at 4:30pm 5 days Time Limit 10 Minutes

Instructions

Welcome to CNL

You have 10 minutes for this task.

This quiz was locked Oct 20 at 4:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	7 minutes	5 out of 10

Score for this quiz: **5** out of 10 Submitted Oct 15 at 10:12am This attempt took 7 minutes.

	Question 1	0 / 1 pts
	A data structure described as LIFO is actually a:	
ou Answered	queue	
	list	
	heap	
orrect Answe	r stack	

Question 2	1 / 1 pts
Ip address consists of how many parts?	

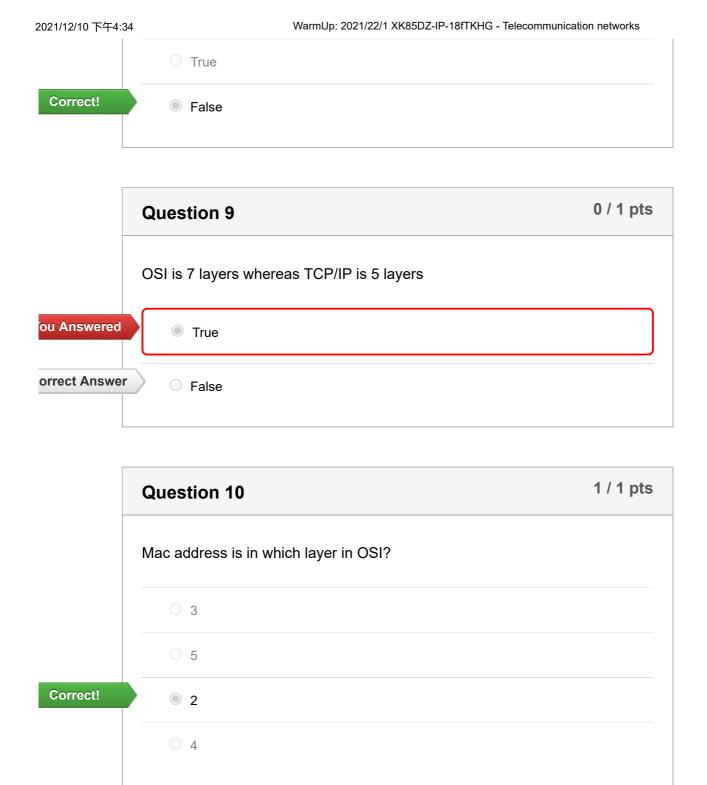
021/12/10 下午4:34	WarmUp: 2021/22/1 XK85DZ-IP-18fTKHG - Telecoi	mmunication networks
	1 host ip	
Correct!	2 (netwok and host)	
	○ 3 (ip, subnet and gateway)	
	1 network ip	
	Question 3	0 / 1 pts
	Which one is a multicast MAC address?	
rect Answer	O100.5E7F.FFEE	
	No MAC Multicat addresses	
u Answered	● FFFF.FFFF.FFFF	
	O 224.192.7.7	
	Question 4	1 / 1 pts
	The logical address is the ip address.	
Correct!	True	
	○ False	
	Question 5	0 / 1 pts
	Switch ports should be assigned with ip addresses.	
u Answered	True	

orrect Answer

False

	Question 7	0 / 1 pts
	MAC address consists of	
ou Answered	64 bits	
	32 bits	
orrect Answei	→ 48 bits	
	O 128 bits	

Question 8	1 / 1 pts
ipv6 is 64 bits	



Quiz Score: 5 out of 10

WarmUp

Due No due date **Points** 8 **Questions** 8

Available Oct 22 at 8am - Oct 28 at 1pm 6 days Time Limit 10 Minutes

Allowed Attempts 2

Instructions

Welcome to CNL

You have 10 minutes for this task.

This quiz was locked Oct 28 at 1pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	5 out of 8

Score for this attempt: **5** out of 8 Submitted Oct 22 at 10:13am This attempt took 9 minutes.

	Question 1	0 / 1 pts
	The socket is a combination of addresses of	
ou Answered	Application Layer	
orrect Answer	Network Layer	
	Data Link Layer	
orrect Answer	Transport Layer	

Question 2	1 / 1 pts

WarmUp: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunication networks

Correct! Port number

5555

orrect Answer IP

MAC

Quiz Score: 5 out of 8

WarmUp 9

Due No due date **Points** 6 **Questions** 6

Available Dec 3 at 12:01pm - Dec 10 at 12:50pm 7 days Time Limit 6 Minutes

Allowed Attempts Unlimited

Instructions

Welcome to CNL

You have 6 minutes to answer 6 questions.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	less than 1 minute	6 out of 6
LATEST	Attempt 3	less than 1 minute	6 out of 6
	Attempt 2	less than 1 minute	4 out of 6
	Attempt 1	4 minutes	1 out of 6

Score for this attempt: 6 out of 6

Submitted Nov 5 at 10:12am

This attempt took less than 1 minute.

	Question 1	1 / 1 pts
	iperf is a command-line tool for checking speeds between two comp	outers.
Correct!	True	
	○ False	

Question 2 1/1 pts

When you create a thread t.daemon=ture is a must.

2021/12/10 下午4:35	WarmUp 9: 2021/22/1 XK85DZ-IP-18fTKHG - Teleco	mmunication networks
Correct!	True	
	○ False	
		1 / 1 pto
	Question 3	1 / 1 pts
	In t = threading.thread(work), work is:	
	O variable	
	○ thread name	
Correct!	function to be defined	
	oparameter to be paased	
	Question 4	1 / 1 pts
	To exit mininet, you need to type exit and then?	
	○ clean	
Correct!	sudo mn -c	
	○ mn -c	
	nothing	
	Question 5	1 / 1 pts
	in mininet :	
	use Linux command (ifconfig) in h7	

35	WarmUp 9: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunication networks
mininet>	
ifconfig	
h7 ifconfig	
h7 ifconfig h3	
ifconfig h7	
	mininet> ifconfig h7 ifconfig h7 ifconfig h3

	Question 6	1 / 1 pts
	to ping h2 from h1 in mininet, you use which command?	
	h1 h2 ping	
Correct!	● h1 ping h2	
	h2 ping h1	
	h1 Ping h2	

Quiz Score: 6 out of 6

WarmUp

Due No due date	Points 10	Questions 10	
Available Nov 12 at	12:01pm - Nov 1	3 at 12:30pm 1 day	Time Limit 15 Minutes

Instructions

Welcome to CNL

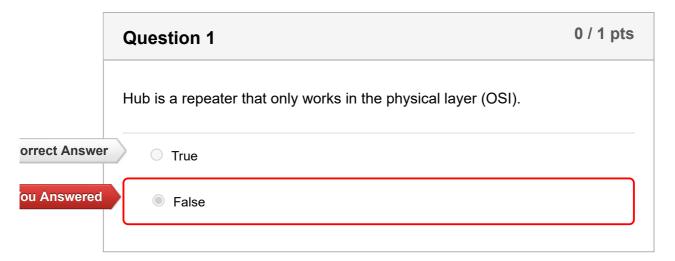
You have 15 minutes to answer 10 questions.

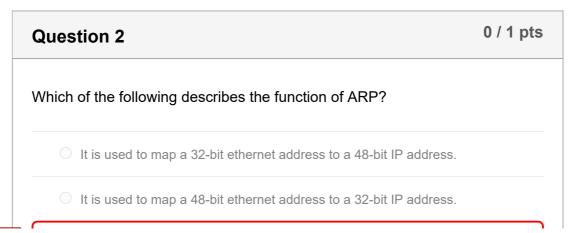
This quiz was locked Nov 13 at 12:30pm.

Attempt History

Atter	прс	Time	Score
LATEST Attem	<u>npt 1</u>	2 minutes	5 out of 10

Score for this quiz: **5** out of 10 Submitted Nov 12 at 11:25pm This attempt took 2 minutes.





)21/12/10 下午4:35	WarmUp: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunic	cation networks
ou Answered	It is used to map a 48-bit IP address to a 32-bit ethernet address.	
rrect Answer	It is used to map a 32-bit IP address to a 48-bit ethernet address.	
	Question 3	1 / 1 pts
	Does ARP packets use IP header	
	○ Yes.	
	No, ARP works in layer 1 only (Hub devices)	
Correct!	No, ARP does not use IP header. It is a layer 2 protocol.	
	○ No, ARP is layer 7 protocol	
	Question 4	1 / 1 pts
	Switch:: one Broadcast Domain and Multiple Collison Domain.	
Correct!	True	
	○ False	
	Question 5	1 / 1 pts
	Hub device can reach the MAC address table.	
	O True	
Correct!	False	

	Question 6	0 / 1 pts	
	Which field of the frame used by the switch to build the MAC add	ress table?	
ou Answered	frame destination address		
orrect Answer	oframe source address		
	ip destination address		
	ip source address		
	Question 7	0 / 1 pts	
	Switch is considered as layer from the OSI model. (Note: number)	enter only	
ou Answered			
orrect Answers	s 2		
	Question 8	1 / 1 pts	
	The MAC table in the switch is based onincoming frame.	of the	
	 destination address 		
Correct!	Source address		

Question 9 0 / 1 pts

	Question 10	1 / 1 pts
	ARP table (cash) is in the form of :	
	Physical address logical address	
	O Host Name Port number	
Correct!	Logical address physical address	
	ip:port	

Quiz Score: 5 out of 10

WarmUp

Due No due date **Points** 10 **Questions** 10

Available Nov 26 at 8am - Nov 26 at 2:20pm about 6 hours Time Limit 15 Minutes

Allowed Attempts 2

Instructions

Welcome to CNL

You have 15 minutes to answer 10 questions

WarmUp will miss you :)

This quiz was locked Nov 26 at 2:20pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	14 minutes	8 out of 10

Score for this attempt: **8** out of 10 Submitted Nov 19 at 10:33am This attempt took 14 minutes.

	Question 1	0 / 1 pts
	Which switch would STP choose to become the root bridge in the seprocess?	election
	32768: 22-33-44-55-66-77	
ou Answered	32769: 22-33-44-55-66-78	
orrect Answer	32768: 11-22-33-44-55-66	
	32769:11-22-33-44-55-65	

Question 2 1 / 1 pts

2021/12/10 下午4:35	WarmUp: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunication	n networks
	Device that connects wireless computers	
Correct!	access point	
	switch	
	o router	
	hub	
	Question 3	0 / 1 pts
	device that only regenerates incoming signals	
orrect Answer	hub	
	○ switch	
ou Answered	o router	
	access point	
	Question 4	1 / 1 pts
	MAC stands for	
	Memory Area Control	
	Memory Access Control	
	Media Area Control	
Correct!	Media Access Control	

What is the way that Spanning Tree Protocol prevents switching loops based on the exhibit provided? STP allows the switches to communicate with a router that makes the traffic forwarding decisions. STP shuts down S3 to eliminate the switching loops. STP identifies cables that must be disconnected to eliminate the redundant paths.

	Question 6	1 / 1 pts
	device that uses MAC addresses to determine the destination of fra	ame
	O hub	
	O router	
	access point	
Correct!	switch	

Question 7 1/1 pts Which two values are used by Spanning Tree Protocol to elect a root bridge? (Choose two)

Correct!	☑ Bridge priority	
Correct!	MAC address	
	OS version	
	☐ IP address	
	Speed of the links	
	Question 8	1 / 1 pts
	device that connects LANs	
	Ohub	
	access point	
	switch	
Correct!	o router	
	Question 9	1 / 1 pts
	What is the purpose of the default route?	
Correct!	It's where the router sends all packets with destinations of which it has no knowledge.	0
	It serves as a guideline for how to configure routes.	
	None of the above	
	Olt's a route set by Microsoft so that all information comes to their servers	first.

WarmUp: 2021/22/1 XK85DZ-IP-18fTKHG - Telecommunication networks

2021/12/10 下午4:35

	Question 10	1 / 1 pts
	How does a switch "learn" MAC addresses?	
	The switch comes loaded with the most frequently used addresses.	
Correct!	The switch reads each frame and makes a note of where each MAC additional came from.	dress
	All the MAC addresses must be entered manually.	
	The switch uses a mathematical formula to determine what the MAC ad would be for each computer connected to it.	dress

Quiz Score: 8 out of 10