

Surprise Test

Sols

Part A

1. c) 2nd Name
2. d) switch
3. c) * *
4. math.fabs(-7.4) \rightarrow o/p \rightarrow 7.4
5. b) string
6. d) %
7. ~~AND, OR~~
- 7) AND, OR [None of the option was found correct]
8. a) Boolean
9. d) in
10. b) 27
11. u) 6 [None of the option was found correct]
12. c) 12
13. c) 2
14. c) 8
15. math.floor(8.7)

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Part B

16.) No output ; ~~$i < j$~~ 'i' is already greater than j, as the condition fails, the loop will not run.

u) 0 5 4 15 8 25 12 35 16 45

17) i)

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for i in range(10):  
    print(i)
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~~u) i = 1
while i <= 10 :
 print(i*3)
 # i+1 = 0~~

u) i = 1
while i <= 10 :
 print(i*3)
 i = i+1

18) $i = 1$

while $i < 10$:

if $i \% 5 == 0$;
 $\text{print}(i+5)$

if $i \% 7 == 0$;
 $\text{print}(i+7)$

$i += 1$

19) $n = 5$

$\text{sum} = 0$

for i in $\text{range}(1, n+2, 2)$:

$\text{sum} = \text{sum} + i$