

1. Which of the following is an assignment operator in

Python?

Please ignore the red star.

 == <= >>> =

1 / 1 pt

Auto-graded

2. A user-specified value can be assigned to a variable with

this function ...

Please ignore the red star.

 user() enter() input() value()

1 / 1 pt

Auto-graded

3. User input is read in as ...?

Please ignore the red star.

 Floating point value Text String Boolean value Integer

1 / 1 pt

Auto-graded

4. What will be the output after executing the following

statements? $x=22\ y=7\ \text{print}(x // y)$

Please ignore the red star.

 3.142857142857143 1 154 3

1 / 1 pt

Auto-graded

5. What will be the output after executing the following

statements? $x=5\ y=4\ \text{print}(x \% y)$

Please ignore the red star.

 0 20 1 1.25

1 / 1 pt

Auto-graded

6. What will be the output after executing the following

statements? $x=3\ y=2\ x += y\ \text{print}(x)$

Please ignore the red star.

 3 2 5 1

1 / 1 pt

Auto-graded

7. What will be the output after executing the following

statements? $x=5\ y=7\ x *= y\ \text{print}(x)$

Please ignore the red star.

 7 12 5 35

1 / 1 pt

Auto-graded

8. What will be the output after executing the following

statements? `x=3 y=7 print(x == y)`

Please ignore the red star.

1 / 1 pt

Auto-graded

7

3

True

False

9. What will be the output after executing the following

statements? `x=8 y=6 print(x != y)`

Please ignore the red star.

1 / 1 pt

Auto-graded

6

True

False

"false"

10. What will be the output after executing the following

statements? `x = True y = False print(x and y)`

Please ignore the red star.

1 / 1 pt

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True

False

0

1

11. What will be the output after executing the following

statements? `x = True y = False print(x or y)`

Please ignore the red star.

1 / 1 pt

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True

False

0

1

12. What will be the output after executing the following

statements? `x = True y = False print(not x)`

Please ignore the red star.

1 / 1 pt

Auto-graded

True

False

0

1

13. What will be the output after executing the following

statements? `x = 20 y = 40 z = [y if y > x else x] print(z)`

Please ignore the red star.

1 / 1 pt

Auto-graded

800

[20]

[40]

False

14. What will be the output after executing the following

statements? `k = [9,8,7,6] for i in range(1,4): if i % 2 == 0:`

`k[i+1] = i**3 print(k)`

Please ignore the red star.

1 / 1 pt

Auto-graded

[9, 8, 8]

[9, 8, 7, 8]

[9, 8, 7, 6, 8]

IndexError

15. What will be the output after executing the following statements? my_str = "Auron" my_str[1] = "a"
print(my_str)
Please ignore the red star.

- Aaron
- Aron
- A[a]ron

TypeError

16. What will be the output after executing the following statements? x=2*4+7 print(x)
Please ignore the red star.

- 30
- 22
- 15

247

17. What will be the output after executing the following statements? x = 7 * (4 + 5) print(x)
Please ignore the red star.

- 16
- 33
- 35

63

18. What will be the output after executing the following statements? x = '24' + '16' print(x)
Please ignore the red star.

- 40
- 2416
- 21
- 50

1 / 1 pt
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19. What will be the output after executing the following statements? x = 15 + 35 print(x)
Please ignore the red star.

- 40
- 153
- 50

1535

1 / 1 pt
Auto-graded

20. What will be the data type of x after executing the following statement if input entered is 18? x =
input('Enter a number: ')
Please ignore the red star.

- Integer
- Float

String

List

1 / 1 pt
Auto-graded

21. What will be the data type of y after executing the following statement if input entered is 50? x =
input('Enter a number: ') y = int(x)
Please ignore the red star.

- Float
- String
- List

Integer

1 / 1 pt
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22. What will be the data type of y after executing the following statement if input entered is 50? x = int(input('Enter a number: ')) y = x
Please ignore the red star.

1 / 1 pt
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- Float
- String
- List
- Integer

23. What will be the value of x, y and z after executing the following statement? x = y = z = 300
Please ignore the red star.

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- All three will have the value of 3
- All three will have the value of 100
- All three will have the value of 300

x and y will have arbitrary values, while z will have the value of 300

24. What will be the value of x, y and z after executing the following statement? x, y, z = 3, 4, 5
Please ignore the red star.

1 / 1 pt
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- All three will have the value of 3
- All three will have the value of 345

x will have the value of 3, y will have the value 4 and z will have the value of 5

x and y will have arbitrary values, while z will have the value of 345

25. What will be the output after executing the following statements? x = ['Today', 'Tomorrow', 'Yesterday'] y = x[1]
print(y)
Please ignore the red star.

1 / 1 pt
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- x
- Today
- Tomorrow
- Yesterday

26. What will be the output after executing the following statements? x = [10, 20, 30] y = x[1] + x[2] print(y)
Please ignore the red star.

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- 20
- 30
- 50
- 60

27. What will be the output after executing the following statements? x = [[0.0, 1.0, 2.0],[4.0, 5.0, 6.0]] y = x[1][2]
print(y)
Please ignore the red star.

1 / 1 pt
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- 0.0
- 1.0
- 5.0
- 6.0

28. What will be the output after executing the following statements? `x = [[0.0, 1.0, 2.0],[4.0, 5.0, 6.0]] y = x[0][1] + x[1][0] print(y)`
Please ignore the red star.

1 / 1 pt
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- 0.0
- 1.0
- 5.0
- 6.0

29. What will be the output after executing the following statements? `list1 = [10, 20, [300, 400, [5000, 6000], 500], 30, 40] list1[2][2].append(7000) print(list1)`
Please ignore the red star.

1 / 1 pt
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- [10, 20, [300, 400, 7000, 500], 30, 40]
- [10, 20, [300, 400, [5000, 6000, 7000], 500], 30, 40]
- [10, 20, [7000], 30, 40]
- [10, 20, 7000, 30, 40]

30. What will be the output after executing the following statements? `x = [5, 4, 3, 2] x.append(1) print(x)`
Please ignore the red star.

1 / 1 pt
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- [5, 4, 3, 3]
- [6, 5, 4, 3]
- [5, 1, 4, 3, 2]
- [5, 4, 3, 2, 1]

31. What will be the output after executing the following statements? `x = [50, 40, 30, 20, 10] print(x.pop(3))`
Please ignore the red star.

1 / 1 pt
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- 3
- 30
- 20
- 10

32. What will be the output after executing the following statements? `h = [] mylist = ["0.5",[1,2],[4,5,6,7],"wow",[8,9,10]] for x in mylist: if len(x)==3: h.append(x) print(len(h))`
Please ignore the red star.

1 / 1 pt
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- 4
- 2
- 1
- 3

33. What will be the output after executing the following statements? `x = [5, 6, 3, 2, 1] print(x.index(1))`
Please ignore the red star.

1 / 1 pt
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- 6
- 1
- 4
- 5

34. What will be the output after executing the following statements? `x = [25, 'Today', 53, 'Sunday', 15] x.reverse()
print(x)`
Please ignore the red star.

['Today', 'Sunday', 15, 25, 53]

[15, 'Sunday', 'Today', 25]

[15, 25, 53, 'Sunday', 'Today']

[15, 25, 53, 'Today', 'Sunday']

35. What will be the output after executing the following statements? `x = [25, 'Today', '53', 'Sunday', '15'] x.sort()
print(x)`
Please ignore the red star.

['15', '25', '53', 'Sunday', 'Today']

TypeError

['15', 25, '53', 'Sunday', 'Today']

[15, 25, 53, 'Today', 'Sunday']

36. What will be the output after executing the following statements? `x = [25, 35, 53, 25, 52, 35, 25]
print(x.count(25))`
Please ignore the red star.

7

250

3

0

1 / 1 pt
Auto-graded

37. What will be the output after executing the following statements? `x = [25, 35, 53, 25, 52, 35, 25] print(len(x))`
Please ignore the red star.

250

3

0

7

1 / 1 pt
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38. What will be the output after executing the following statements? `x = [25, 35, 53, 25, 52, 35, 25] len(x) print(x)`
Please ignore the red star.

[25, 35, 53, 25, 52, 35, 25]

250

25

7

1 / 1 pt
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39. What will be the output after executing the following statements? `x = [5, 3, 6, 2, 4, 0, 1] del x[2:3] print(x)`
Please ignore the red star.

[5, 3, 4, 0, 1]

[5, 3, 6, 2, 4, 0, 1, 2, 3]

[5, 2, 4, 0, 1]

[5, 3, 2, 4, 0, 1]

1 / 1 pt
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40. What will be the output after executing the following statements? `x = [5, 3, 6, 2, 4, 0, 7] del x[:7] print(x)`
Please ignore the red star.

[5, 7]

Empty list

[3, 6, 2, 4, 0]

[7]

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41. What will be the output after executing the following statements? `x = [6, 0, 8] y = float(x[0] + x[2]) print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

14

68

14.0

60

42. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[1:-1] print(y)`
Please ignore the red star.

1 / 1 pt
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[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

[10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0]

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

[1, 2, 3, 4, 5, 6, 7, 8, 9]

43. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[1:-1:2]`
`print(y)`
Please ignore the red star.

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[1, 3, 5, 7, 9]

[1, 4, 7]

[1, 3, 5, 7, 9, 10]

[1, 4, 7, 10]

44. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[-1:1:-1]`
`print(y)`
Please ignore the red star.

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[9, 8, 7, 6, 5, 4, 3, 2]

[1, 2, 3, 4, 5, 6, 7, 8, 9]

[1, 0]

[10, 9, 8, 7, 6, 5, 4, 3, 2]

45. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[5:-9:-1]`
`print(y)`
Please ignore the red star.

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[2, 3, 4, 5]

[6, 5, 4, 3, 2]

[5, 4, 3]

[5, 6, 7, 8, 9]

46. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[9:-9:-3]`
`print(y)`
Please ignore the red star.

1 / 1 pt
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[3, 6, 9]

[9, 6, 3]

[8, 5, 2]

[2, 5, 8]

47. What will be the output after executing the following statements? `x = [0,1,2,3,4,5,6,7,8,9,10] y = x[-9:-2:4]`
print(y)
Please ignore the red star.

1 / 1 pt
Auto-graded

[9, 5, 1]

[1, 5]

[2, 6]

[2, 6, 10]

48. What will be the output after executing the following statements? `x = [5,5,9,3,1,8,2,1,4,6,7] y = x[-1:-5:-1]`
print(y)
Please ignore the red star.

1 / 1 pt
Auto-graded

[6, 4, 1, 2, 8]

[6, 4, 1, 2]

[]

[7, 6, 4, 1]

49. What will be the output after executing the following statements? `x = [5,5,9,3,1,8,2,1,4,6,7] y = x[-2:2:-3]`
print(y)
Please ignore the red star.

1 / 1 pt
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[6, 2, 3]

[4, 8, 9]

[6, 2, 3, 5]

[7, 4, 8, 9]

50. What will be the output after executing the following statements? `x = [5,5,9,3,1,8,2,1,4,6,7] y = x[-1:5:-2]`
print(y)
Please ignore the red star.

1 / 1 pt
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[7, 4, 2, 1]

[7, 4, 2]

[6, 1, 8]

[6, 1, 8, 3]

51. What will be the output after executing the following statements? `x = [5,5,9,3,1,8,2,1,4,6,7] y = x[4:9:3] print(y)`
Please ignore the red star.

1 / 1 pt
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[3, 2]

[9, 8, 4]

[5, 5]

[1, 1]

52. What will be the output after executing the following statements? `z = ["N", "a", "n", "y", "a", "n", "g"] y = z[-7:5:2] print(y)`
Please ignore the red star.

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['n', 'y', 'a']

['a', 'n', 'N']

['a', 'y', 'n']

['N', 'n', 'a']

53. What will be the output after executing the following statements? `z = ["N", "a", "n", "y", "a", "n", "g"] y = z[::3]`
`print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

['N', 'y', 'g']

['N', 'n', 'n']

['a', 'a', 'g']

['a', 'n', 'a']

54. What will be the output after executing the following statements? `z = ["N", "a", "n", "y", "a", "n", "g"] y = z[2:5]`
`print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

['y', 'a', 'n']

['a', 'n', 'y', 'a']

['n', 'y', 'a']

['a', 'n', 'g']

55. What will be the output after executing the following statements? `z = ["N", "a", "n", "y", "a", "n", "g"] y = z[6:1:-2]`
`print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

['N', 'a', 'n']

['g', 'a', 'n']

['n', 'a', 'y']

['g', 'n', 'a']

56. What will be the output after executing the following statements? `q = "Technological" y = q[:1:-2]` `print(y)`
Please ignore the red star.

1 / 1 pt
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lcglnc

aiooh

aioohe

acigolonhce

57. What will be the output after executing the following statements? `q = "Technological" y = q[-2:-4]` `print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

cig

No output

gic

cigo

58. What will be the output after executing the following statements? `q = "Technological" y = q[-2:-4:-1]` `print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

aci

lac

laci

ac

59. What will be the output after executing the following statements? `q = "Technological" y = q[-5:-1]` `print(y)`
Please ignore the red star.

1 / 1 pt
Auto-graded

ogica

gica

ogical

logic

60. What will be the output after executing the following statements? `x = [24, 50, 37] y = 24 in x print(y)`
Please ignore the red star.

- `x[0]`
- `False`
- `[24]`
- `True`

61. What will be the output after executing the following statements? `x = {0:4, 1:8, 2:16, 3:32} y = 32 in x print(y)`
Please ignore the red star.

- `32`
- `False`
- `{3:32}`
- `True`

62. What will be the data type of `x` after executing the following statements? `false = "This is not true" x = false`
Please ignore the red star.

- `Boolean`
- `String`
- `List`
- `Tuple`

63. What will be the output after executing the following statements? `x = {0:4, 1:8, 2:16, 3:32} print(x.keys())`
Please ignore the red star.

- `dict_keys{0, 1, 2, 3}`
- `dict_keys(0, 1, 2, 3)`
- `dict_keys[0, 1, 2, 3]`

`dict_keys([0, 1, 2, 3])`

1 / 1 pt
Auto-graded

64. What will be the output after executing the following statements? `x = {1:'Jan', 2:'Feb', 3:'March', 4:'April'} print(x[2])`
Please ignore the red star.

- `Jan`
- `Feb`
- `KeyError`
- `March`

1 / 1 pt
Auto-graded

65. What will be the output after executing the following statements? `x = {'month1':'Jan', 'month2':'Feb', 3:'March', 4:'April'} print(x[2])`
Please ignore the red star.

- `Jan`
- `Feb`
- `KeyError`
- `March`

1 / 1 pt
Auto-graded

66. What will be the output after executing the following statements? `x = {0:4, 1:8, 2:16, 3:32} print(list(x.values())[2])`
Please ignore the red star.

- `8`
- `{2:16}`
- `16`
- `[16]`

1 / 1 pt
Auto-graded

67. What will be the output after executing the following statements? `x=7 if x > 5: print(20)`
Please ignore the red star.

- False
- True
- 7

20

68. What will be the output after executing the following statements? `x=5 if x > 15: print('yes') elif x == 15: print('equal') else: print('no')`
Please ignore the red star.

- equal
- no
- False
- 15

69. What will be the output after executing the following statements? `x = 25 if x>10 and x<15: print('true') elif x>15 and x<25: print('not true') elif x>25 and x<35: print('false') else: print('not false')`
Please ignore the red star.

- true
- false
- not true

not false

1 / 1 pt
Auto-graded

70. What will be the output after executing the following statements? `x = 60 if x <= 10 or x >= 75: print('true') elif x <= 15 or x >= 55: print('not true') elif x <= 25 or x >= 35: print('false') else: print('not false')`
Please ignore the red star.

- true
- false

not true

- not false

1 / 1 pt
Auto-graded

71. What will be the output after executing the following statements? `x = 68 if x <= 50 and x >= 25: print('true') elif x <= 60 or x >= 55: print('not true') elif x <= 70 and x >= 35: print('false') else: print('not false')`
Please ignore the red star.

- true
- false

not true

- not false

1 / 1 pt
Auto-graded

72. What will be the output after executing the following statements? `x = 70 if x <= 30 or x >= 100: print('true') elif x <= 50 and x == 50: print('not true') elif x >= 150 or x <= 75: print('false') else: print('not false')`
Please ignore the red star.

- true
- false
- not true
- not false

1 / 1 pt
Auto-graded

73. What will be the output after executing the following statements? `x = 40 y = 25 if x + y >= 100: print('true') elif x - y == 50: print('not true') elif x * y >= 900: print('false') else: print('not false')`
Please ignore the red star.

1 / 1 pt
Auto-graded

true

false

not true

not false

74. What will be the output after executing the following statements? `x=0 while x < 10: print(x, end="") x += 4`
Please ignore the red star.

1 / 1 pt
Auto-graded

0123456789

123456789

048

45678

75. What will be the output after executing the following statements? `for i in range(1,25,5): print(i, end='')`
Please ignore the red star.

1 / 1 pt
Auto-graded

1510152025

1525

16111621

16111621

76. What will be the output after executing the following statements? `for i in range(1,5): print(i, end=' ')`
Please ignore the red star.

1 / 1 pt
Auto-graded

123

1234

12345

012345

77. What will be the output after executing the following statements? `for i in range(5): print(i, end='')`
Please ignore the red star.

1 / 1 pt
Auto-graded

1234

01234

12345

012345

78. What will be the output after executing the following statements? `for i in range(1,5): print(i, end='') if i == 3: break`
Please ignore the red star.

1 / 1 pt
Auto-graded

12345

1234

123

012345

79. What will be the output after executing the following statements? `for i in range(1,5): if i == 3: continue print(i, end=' ')`
Please ignore the red star.

- 12345
- 1 2
- 1 2 3
- 1 2 4

80. What will be the output after executing the following statements? `def call(var1, var2): print(var1 + var2, end = '') call(10, 40)`
Please ignore the red star.

- 10
- 1040
- 50
- "10 + 40"

81. What will be the output after executing the following statements? `def call(var1=20, var2=5, var3=2): print(var1 * var2 * var3, end = '') call()`
Please ignore the red star.

- 100
- 10000
- 2052
- 200

1 / 1 pt
Auto-graded

82. What will be the output after executing the following statements? `def call(var1=20, var2=5, var3=2): print(var1 * var2 * var3, end = '') call(5,7)`
Please ignore the red star.

- 57
- 315
- 70
- 200

1 / 1 pt
Auto-graded

83. What will be the output after executing the following statements? `def call(var1=20, var2=5, var3=2): print((var1 * var2) - var3, end = '') call(var2=5, var3=3, var1=4)`
Please ignore the red star.

- 17
- 98
- 70
- 11

1 / 1 pt
Auto-graded

84. What will be the output after executing the following statements? `def call(y, x): return x / y z = call(4, 9) print(z)`
Please ignore the red star.

- 0.444445
- 2
- 0
- 2.25

1 / 1 pt
Auto-graded

85. What will be the output after executing the following

```
statements? def call(x,y) : if x == 0: z = x + y
```

```
print(call(0,5))
```

Please ignore the red star.

1 / 1 pt

Auto-graded

5

0

None

True

86. What will be the output after executing the following

```
statements? def call(x,y) : if x == 0: return x + y
```

```
print(call(0,5))
```

Please ignore the red star.

1 / 1 pt

Auto-graded

5

0

None

True

87. What will be the output after executing the following

```
statements? def gen(): x = 2 while True: yield x x += 1 y
```

```
= gen() for i in y: if i >= 5: break else: print(i, end="")
```

Please ignore the red star.

1 / 1 pt

Auto-graded

0123

123

12345

234

88. What does the following statement do? import keyword,

sys

Please ignore the red star.

1 / 1 pt

Auto-graded

Imports all the python keywords

Imports the keyword and sys modules

Imports the keyword and sys functions

Imports the directories named keyword and sys

89. What will be the output after executing the following

```
statements? x = 'Python' print(x[2:4])
```

Please ignore the red star.

1 / 1 pt

Auto-graded

Pyth

th

tho

thon

90. What will be the output after executing the following

```
statements? x = 'Python' print('p' not in x)
```

Please ignore the red star.

1 / 1 pt

Auto-graded

p

P

True

False

91. What will be the output after executing the following

```
statements? a = 27 / 3 % 2 * 4**2 print(a)
```

Please ignore the red star.

1 / 1 pt

Auto-graded

0

4.0

16.0

32

92. What will be the output after executing the following statements? `a = 3 / 3 * 47 - 3**3 print(a)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- 0.0
- 20.0
- 36
- 1.0

93. What will be the output after executing the following statements? `a = [1, 3, 5] print(a * 2)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- [1, 3, 5, 1, 3, 5]
- [1, 2, 3, 5]
- [2, 6, 10]
- [11, 33, 55]

94. What will be the output after executing the following statements? `b=1 for a in range(1, 10, 3): b += a + 1 print(b)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- 14

- 16

- 20
- 25

95. What will be the output after executing the following statements? `b=1 for a in range(1, 10): b += a - 1 print(b)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- 47
- 44

- 37

- 38

96. What will be the output after executing the following statements? `b=3 for a in range(10, 1): b -= a + 1 print(b)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- 7
- 3
- 4
- 8

97. What will be the output after executing the following statements? `b=1 for a in range(1, 5): b *= a + 1 print(b)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- 240
- 40
- 36

- 120

98. What will be the output after executing the following statements? `a = True b = False print(a == b or not b)`
Please ignore the red star.

1 / 1 pt
Auto-graded

- a == b
- False
- not b

- True

99. What will be the output after executing the following statements? `x = ["Yesterday's", "Today's", "Tomorrow's"]` `y = ['temperature']` `for i in x: if i[0] != 'T': for j in y: print(i, end='')`

Please ignore the red star.

1 / 1 pt
Auto-graded

- Yesterday's Today's Tomorrow's
- Yesterday's
- Today's Tomorrow's temperature
- False

100. What will be the output after executing the following statements? `a = 5` `print(a > 1 and a**2 >= 25 and a//2 != 2)`

Please ignore the red star.

1 / 1 pt
Auto-graded

- None
- False
- True
- Error