i>clicker

Session 4 with solutions
Consider the list
oddNumbers = [0, 1, 3, 5, 7, 9, 11]
which Python statement would produce a result containing the element 3?

A. oddNumbers[3]

B. oddNumbers[2]

C. oddNumbers[2:3]

D. All of the above

E. None of the above
Question 2

Consider the list
oddNumbers = [0, 1, 3, 5, 7, 9, 11]
which Python statement would produce [9, 11]?

A. oddNumbers[5:len(oddNumbers)]
   Note that indexing -> oddNumbers[len(oddNumbers)]
   will cause an out of range error
B. oddNumbers[5:]
C. oddNumbers[5:15]
D. All of the above
E. None of the above
Question 3

What would `myList` contain once these statements have executed:
ages = '34 36 87 12 44 7'
myList = ages.split()?

A. `['34', '36', '87', '12', '44']`
B. `myList` would be a list containing 6 strings, each string representing an age found in `ages` (in the same order)
C. `['3', '4', '3', '6', '8', '7', '1', '2', '4', '4', '7']`
D. The statements produce an error.
E. None of the above
Question 4

Which Boolean expression produces an error when it executes, if \( \text{age} = 26 \)?

A. True
B. `age.isalpha()`
C. "ABC".isdigit()
D. All of the above
E. A. and C.