AQ11.5: Activity Questions 5 - Not Graded

**This assignment will not be graded and is only for practice.**

**Note : This activity is for your practice purpose only. Your score in this will not count towards the Final score.**

***1 point***

Choose the correct statement(s) about recursion from the given options. It is a Multiple Select Question (MSQ).

It is a process in which a function calls itself until termination condition becomes true.

Iterative processes are more efficient than recursion.

It requires a base case and an inductive step to complete the process.

It makes tree traversal easier.

***1 point***

Consider the given pseudocode written for finding the summation of n**n** natural numbers. Choose the correct code fragment to complete the pseudocode.  
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AI-generated content may be incorrect.

return((x+summation(x))**x**+**summation**(**x**)))

return((x+summation(x−1))**x**+**summation**(**x**−**1**)))

return((summation(x)**summation**(**x**))

return((n+summation(n−1))**n**+**summation**(**n**−**1**)))

***1 point***

The following pseudocode is executed on a list L**L**.  
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What will the value of S**S** represent at the end of the execution?

Summation of all numbers up to n.

Summation of all even numbers when n is an even number.

Summation of all odd numbers when n is an odd number.

None of the above.