**Answer to question 6:**

The term "lazy evaluation" in the context of the program meaning delaying the calculation of values until they are actually needed.

We can see it the code provided:

In Eager Evaluation - All values are generated and stored in a list first (values = list(generate\_values())), and then each value is squared. It means all values are computed in advance before any further processing.

And Lazy Evaluation – it means that values are generated and squared one by one as needed (squared\_values = [square(x) for x in generate\_values()]). The generate\_values() function yields values only when the list comprehension requests them, so values are computed on-the-fly.

So, Lazy evaluation avoids unnecessary calculation on values, it produces values **only** when they are needed, which is more efficient.

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