**PPL final project part B**

7)   
  
\*\*Lazy evaluation\*\* is when the program waits to evaluate an expression until it’s actually needed. This can be more efficient because it doesn’t waste time or memory computing things you might not end up using. It’s particularly useful for large datasets or when dealing with sequences where you only need a few items.

\*\*Eager evaluation\*\* is the opposite—everything is evaluated as soon as it’s encountered. This means all values are computed and stored right away, which can make things faster if you need immediate access to all your data, but it can also lead to higher memory usage, especially if you end up not using some of those values.