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```
In [ ]:  def recherche(gene, seq_adn):
             n = len(seq_adn)
             g = len(gene)
             i = ...
             trouve = False
             while i < ... and trouve == ... :
                 j = 0
                 while j < g and gene[j] == seq_adn[i+j]:
                     ...
                 if j == g:
                     trouve = True
                 ...
             return trouve
```