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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
```



