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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
```

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