

22 NSI 36

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In [ ]: from math import sqrt    # import de la fonction racine carree
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In [ ]: def distance(point1, point2):  
    """ Calcule et renvoie la distance entre deux points. """  
    return sqrt((...)**2 + (...)**2)
```

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In [ ]: assert distance((1, 0), (5, 3)) == 5.0, "erreur de calcul"
```

```
In [ ]: def plus_courte_distance(tab, depart):  
    """ Renvoie le point du tableau tab se trouvant a la plus  
    courte distance du point depart. """  
    point = tab[0]  
    min_dist = ...  
    for i in range (1, ...):  
        if distance(tab[i], depart)...:  
            point = ...  
            min_dist = ...  
    return point
```

```
In [ ]: assert plus_courte_distance([(7, 9), (2, 5), (5, 2)], (0, 0)) == (2, 5),  
    "erreur"
```

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