# Function Description

**Function Name**: double returnDistance(const int loc1[2], const int loc[2], double\* minDest)

**Parameter List**:

|  |  |  |
| --- | --- | --- |
| Parameter Name | Type | Description |
| Loc1[2] | const int | This parameter is an array of two integers that represents the coordinates of the first location. |
| Loc2[2] | const int | This parameter is an array of two integers, representing the coordinates of the second location. |
| minDest | double\* | This parameter is a pointer to a double variable. It is used to store the minimum distance between the two locations |
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|  |  |  |

**Return: double**

**Description:**  This function calculates and returns the distance between two locations. If the calculated distance is smaller than the current minimum destination, it updates the minimum destination value to the newly calculated value.