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Functionality Testing – minDistance & minDistance2

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| Test Case | Test Instance | Expected Output | Actual Output | Test Result |
| Array with same elements | { 5, 5, 5, 5, 5, 5, 5, 5, 5} | 0 | 0 |  |
| Array with same negative elements | { -9,-9,-9,-9,-9,-9,-9} | 0 | 0 |  |
| Array with two elements | {9,1} | 8 | 8 |  |
| Array with negative elements | { -4, -9, -7, -1, -90, -100, -56, -24 }; | 2 | 2 |  |
| Array with one element |  |  |  |  |
| Array with random elements | { 2,-20,56,78,13,45,80,100 } | 2 | 2 |  |
| Array with 0s | { 0,0,0,0,0,0} | 0 | 0 |  |