|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  move 9 onto 1  move 8 onto 2  quit  0: 0  1: 1 9  2: 2 8  3: 3  4: 4  5: 5  6: 6  7: 7  8:  9: | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  quit  0: 0  1: 1 2  2:  3: 3  4: 4  5: 5  6: 6  7: 7  8: 8  9: 9 | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  quit  0: 0  1: 1 2  2:  3: 3  4: 4  5: 5  6: 6  7: 7  8: 8  9: 9 | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  quit  0: 0  1: 1 2 3  2:  3:  4: 4  5: 5  6: 6  7: 7  8: 8  9: 9 | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 3  quit  0: 0  1: 1 2 3 9  2:  3:  4: 4  5: 5  6: 6  7: 7  8: 8  9: |

Test results of the **moveOnto()** function:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 8  move 7 onto 9  quit  0: 0  1: 1 2 3  2:  3:  4: 4  5: 5  6: 6  7:  8: 8 9 7  9: | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 8  move 7 onto 9  move 8 onto 2  quit  0: 0  1: 1 2 8  2:  3: 3  4: 4  5: 5  6: 6  7: 7  8:  9: 9 | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 8  move 7 onto 9  move 6 onto 5  move 4 onto 6  quit  0: 0  1: 1 2 3  2:  3:  4:  5: 5 6 4  6:  7:  8: 8 9 7  9: | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 8  move 7 onto 9  move 6 onto 5  move 4 onto 6  move 5 onto 8  quit  : 0  1: 1 2 3  2:  3:  4: 4  5:  6: 6  7: 7  8: 8 5  9: 9 | 10  move 9 onto 1  move 8 onto 2  move 2 onto 1  move 3 onto 2  move 9 onto 8  move 7 onto 9  move 6 onto 5  move 4 onto 6  move 5 onto 8  move 5 onto 1  quit  0: 0  1: 1 5  2: 2  3: 3  4: 4  5:  6: 6  7: 7  8: 8  9: 9 |

Test results of the **moveOver()** function:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  move 9 over 1  move 8 over 2  quit  0: 0  1: 1 9  2: 2 8  3: 3  4: 4  5: 5  6: 6  7: 7  8:  9: | 10  move 9 over 1  move 8 over 2  move 3 over 1  move 4 over 8  quit  0: 0  1: 1 9 3  2: 2 8 4  3:  4:  5: 5  6: 6  7: 7  8:  9: | 10  move 9 over 1  move 8 over 2  move 3 over 1  move 4 over 8  move 7 over 1  move 6 over 8  quit  0: 0  1: 1 9 3 7  2: 2 8 4 6  3:  4:  5: 5  6:  7:  8:  9: | 10  move 9 over 1  move 8 over 2  move 3 over 1  move 4 over 8  move 7 over 1  move 6 over 8  move 5 over 7  move 2 over 1  quit  0: 0  1: 1 9 3 7 5 2  2:  3:  4: 4  5:  6: 6  7:  8: 8  9: | 10  move 9 over 1  move 8 over 2  move 3 over 1  move 4 over 8  move 7 over 1  move 6 over 8  move 5 over 7  move 2 over 1  move 1 over 0  quit  0: 0 1  1:  2: 2  3: 3  4: 4  5: 5  6: 6  7: 7  8: 8  9: 9 |

Test results of the **pileOnto()** function:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  pile 9 onto 1  pile 8 onto 2  pile 7 onto 3  pile 6 onto 4  quit  0: 0  1: 1 9  2: 2 8  3: 3 7  4: 4 6  5: 5  6:  7:  8:  9: | 10  pile 9 onto 1  pile 8 onto 2  pile 7 onto 3  pile 6 onto 4  pile 5 onto 6  pile 8 onto 9  quit  0: 0  1: 1 9 8  2: 2  3: 3 7  4: 4 6 5  5:  6:  7:  8:  9: | 10  pile 9 onto 1  pile 8 onto 2  pile 7 onto 3  pile 6 onto 4  pile 5 onto 6  pile 8 onto 9  pile 3 onto 2  quit  0: 0  1: 1 9 8  2: 2 3 7  3:  4: 4 6 5  5:  6:  7:  8:  9: | 10  pile 9 onto 1  pile 8 onto 2  pile 7 onto 3  pile 6 onto 4  pile 5 onto 6  pile 8 onto 9  pile 3 onto 2  pile 2 onto 9  quit  0: 0  1: 1 9 2 3 7  2:  3:  4: 4 6 5  5:  6:  7:  8: 8  9: | 10  pile 9 onto 1  pile 8 onto 2  pile 7 onto 3  pile 6 onto 4  pile 5 onto 6  pile 8 onto 9  pile 3 onto 2  pile 2 onto 9  pile 4 onto 1  quit  0: 0  1: 1 4 6 5  2: 2  3: 3  4:  5:  6:  7: 7  8: 8  9: 9 |

Test results of the **pileOver()** function:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  pile 9 over 1  pile 8 over 2  pile 7 over 3  pile 6 over 4  quit  0: 0  1: 1 9  2: 2 8  3: 3 7  4: 4 6  5: 5  6:  7:  8:  9: | 10  pile 9 over 1  pile 8 over 2  pile 7 over 3  pile 6 over 4  pile 5 over 1  quit  0: 0  1: 1 9 5  2: 2 8  3: 3 7  4: 4 6  5:  6:  7:  8:  9: | 10  pile 9 over 1  pile 8 over 2  pile 7 over 3  pile 6 over 4  pile 5 over 1  pile 3 over 4  quit  0: 0  1: 1 9 5  2: 2 8  3:  4: 4 6 3 7  5:  6:  7:  8:  9: | 10  pile 9 over 1  pile 8 over 2  pile 7 over 3  pile 6 over 4  pile 5 over 1  pile 3 over 4  pile 8 over 0  pile 9 over 2  quit  0: 0 8  1: 1  2: 2 9 5  3:  4: 4 6 3 7  5:  6:  7:  8:  9: | 10  pile 9 over 1  pile 8 over 2  pile 7 over 3  pile 6 over 4  pile 5 over 1  pile 3 over 4  pile 8 over 0  pile 9 over 2  pile 2 over 6  quit  0: 0 8  1: 1  2:  3:  4: 4 6 3 7 2 9 5  5:  6:  7:  8:  9: |

Test results of **invalid inputs**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10  quit  0: 0  1: 1  2: 2  3: 3  4: 4  5: 5  6: 6  7: 7  8: 8  9: 9 | 10  move 9 onto 1  move 8 onto 9  move 7 onto 8  quit  0: 0  1: 1 9 8 7  2: 2  3: 3  4: 4  5: 5  6: 6  7:  8:  9: | 10  move 9 onto 1  move 8 onto 9  move 7 onto 8  move 1 onto 1  quit  0: 0  1: 1 9 8 7  2: 2  3: 3  4: 4  5: 5  6: 6  7:  8:  9: | 10  move 9 onto 1  move 8 onto 9  move 7 onto 8  move 1 onto 1  move 8 onto 7  quit  0: 0  1: 1 9 8 7  2: 2  3: 3  4: 4  5: 5  6: 6  7:  8:  9: | 10  move 9 onto 1  move 8 onto 9  move 7 onto 8  move 1 onto 1  move 8 onto 7  move 1 over 7  move 9 over 9  move 3 over 3  move 3 onto 3  quit  0: 0  1: 1 9 8 7  2: 2  3: 3  4: 4  5: 5  6: 6  7:  8:  9: |