**矩阵连乘测试用例**

|  |  |  |  |
| --- | --- | --- | --- |
| 编号 | 输入 | 输出 | 是否正确 |
| 1 | p=[26, 56, 81, 31, 7] | Multiply A[3: 3] and A[4: 4]  Multiply A[2: 2] and A[3: 4]  Multiply A[1: 1] and A[2: 4] | 是 |
| 2 | p=[11, 74, 58, 95, 94, 79] | Multiply A[1: 1] and A[2: 2]  Multiply A[1: 2] and A[3: 3]  Multiply A[1: 3] and A[4: 4]  Multiply A[1: 4] and A[5: 5] | 是 |
| 3 | p=[73, 96, 78, 20, 45, 25, 95] | Multiply A[2: 2] and A[3: 3]  Multiply A[1: 1] and A[2: 3]  Multiply A[4: 4] and A[5: 5]  Multiply A[4: 5] and A[6: 6]  Multiply A[1: 3] and A[4: 6] | 是 |
| 4 | p=[47, 36, 85, 85, 24, 53, 5, 82] | Multiply A[5: 5] and A[6: 6]  Multiply A[4: 4] and A[5: 6]  Multiply A[3: 3] and A[4: 6]  Multiply A[2: 2] and A[3: 6]  Multiply A[1: 1] and A[2: 6]  Multiply A[1: 6] and A[7: 7] | 是 |
| 5 | p=[81, 32, 11, 42, 41, 71, 54, 86, 57] | Multiply A[1: 1] and A[2: 2]  Multiply A[3: 3] and A[4: 4]  Multiply A[3: 4] and A[5: 5]  Multiply A[3: 5] and A[6: 6]  Multiply A[3: 6] and A[7: 7]  Multiply A[3: 7] and A[8: 8]  Multiply A[1: 2] and A[3: 8] | 是 |
| 6 | p=[38, 8, 2, 77, 1, 41, 68, 44, 47, 51, 32, 1, 38, 94, 72, 52] | Multiply A[3: 3] and A[4: 4]  Multiply A[5: 5] and A[6: 6]  Multiply A[5: 6] and A[7: 7]  Multiply A[5: 7] and A[8: 8]  Multiply A[5: 8] and A[9: 9]  Multiply A[5: 9] and A[10: 10]  Multiply A[5: 10] and A[11: 11]  Multiply A[3: 4] and A[5: 11]  Multiply A[2: 2] and A[3: 11]  Multiply A[1: 1] and A[2: 11]  Multiply A[12: 12] and A[13: 13]  Multiply A[12: 13] and A[14: 14]  Multiply A[12: 14] and A[15: 15]  Multiply A[1: 11] and A[12: 15] | 是 |