**实验一：MPI分布式内存编程**

1. 程序代码（填入如下表格）

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|  |

1. 程序运行结果

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| comm\_sz/进程数 | 问题规模 | | | |
|  |  |  |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 4 |  |  |  |  |
| 8 |  |  |  |  |

1. 结果分析
2. 加速比分析

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| comm\_sz/进程数 | 问题规模 | | | |
|  |  |  |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 4 |  |  |  |  |
| 8 |  |  |  |  |

1. 效率分析

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| comm\_sz/进程数 | 问题规模 | | | |
|  |  |  |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 4 |  |  |  |  |
| 8 |  |  |  |  |

1. 扩展性分析