Sum and product of the symmetrical matrix**Experiment Report**

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1. **Experimental purpose**
2. A and B are known to be symmetrical matrices of two n×n orders, and a program implementation is written: Store its lower triangle elements in one-dimensional arrays a and b and output. Tip: The original matrix A and B can be represented in the program with two-dimensional arrays of int A, 4, and B. Set up C-A-B to output C in a matrix. Set D-A ×B to output D in a matrix.
3. **Experimental environment**

C++

1. **Experimental content**

图形用户界面, 文本, 应用程序

描述已自动生成

图形用户界面, 文本, 应用程序

描述已自动生成

文本

低可信度描述已自动生成

图形用户界面

中度可信度描述已自动生成

1. **Important data structures**
2. Pointer, stack
3. **Implementation analysis**

First of all, we should understand what is a symmetrical matrix and the nature of the matrix, and secondly, we should be proficient in using pointers, structures, stacks and other data structures to output the matrix and add or subtract, multiply and divide

1. **Debugging problem analysis**

Problems encountered in debugging and Solutions

1. **Summary**
2. First of all, we should understand what is a symmetrical matrix and the nature of the matrix, and secondly, we should be proficient in using pointers, structures, stacks and other data structures to output the matrix and add or subtract, multiply and divide
3. **Crew Division**

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| --- | --- | --- |
| **Group division** | | |
| **Member name** | **Work done** | **Completion situation** |
| **樊磊** | **构建结构体，储存两个矩阵** | **已完成** |
| **雷登文** | **压缩两个矩阵的乘积** | **已完成** |
| **罗力铭** | **两个矩阵相加，创建文件并对文件进行输入输出** | **已完成** |