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#include <iostream>
#include <string>
using namespace std;
template < class T >
int BinarySearch(T array[], int first, int last, T value){
 if (first <= last){</pre>
   int mid = (first + last) / 2;
   if (array[mid] > value){
     return BinarySearch(array, first, mid - 1, value);
   }
   else if (array[mid] < value){</pre>
     return BinarySearch(array, mid + 1, last, value);
   else{
     return mid;
   }
 else{
   return -1;
int main(){
 int n;
 cout << "输入数组长度: " << endl;
 cin >> n;
 int *arrays = new int[n];
 cout << "输入数组的各个数字: " << endl;
 int j = 0;
 while (j \le n)
   cin >> arrays[j];
   j++;
 cout << "输入要查找的数字: " << endl;
 int number;
 cin >> number;
 for (int i = 0; i < n; i++){
   int v = BinarySearch(arrays, 0, n - 1, number-arrays[i]);
```

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if (v!=-1){
    cout << arrays[i]<<"+"<<arrays[v]<<"="<<number<< endl;
}

delete arrays;
return 0;
}</pre>
```