```
::::::::::::::
ex0.cc
::::::::::::::
#include<iostream>
using namespace std;

main()
{
        int a[5]={1,3,5,7,9};
        int b;

        a[3]=a[2];
        b=a[1];
        a[4]=a[b];
        a[1]=a[0]+a[4];
        a[1]=a[1]+a[4];

        b=0;
        while(b<5)
        {
                cout << "a[" << b << "] = " << a[b] << endl  ;
                b=b+1;
        }
}

::::::::::::::
ex1.cc
::::::::::::::
#include<iostream>
using namespace std;

// Sort
//

main()
{
        const int NUM=5;    // number of values user must enter
        int list[NUM];
        int i=0, j=0;
        int any=0;          // set to 1 if any number is greater.
        int tmp;

        cout << "You will be prompted to enter " << NUM << " numbers" << endl;
        while(i<NUM)
        {
                cout << "Enter a number ";
                cin >> list[i];
                i=i+1;
        }
        //sort here.




        i=0;
        while(i<NUM)
        {
                cout << list[i] << endl;
                i=i+1;
        }
}
```

```
::::::::::::::
ex2.cc
::::::::::::::
// Function calls with arrays
//

#include<iostream>
using namespace std;

void printList(int list[], int num)
{
        int i=0;
        while(i<num)
        {
                cout << "list[" << i << "] = " << list[i] << endl  ;
                i=i+1;
        }


}
void sort(int list[], int num)
{
        int i=0;
        int j=0;
        int tmp;
        while(i<num-1)
        {
                j=0;
                while(j<num-1)
                {
                        if(list[j]>list[j+1])
                        {
                                tmp=list[j];
                                list[j]=list[j+1];
                                list[j+1]=tmp;
                        }
                        j=j+1;
                }
                i=i+1;
        }
}

main()
{
        const int SIZE=8;
        int i;
        int A[SIZE]={1,4,-4,3,2,5,8,-11};

        printList(A,SIZE);
        cout << "----" << endl;
        sort(A,SIZE);
        printList(A,SIZE);

}
```