

#1)

```
#include <iostream>
using namespace std;

void addOne(int& ptrNum);

int main()
{
    int ptrNum;
    cin >> ptrNum;
    addOne(ptrNum);

    return 0;
}

void addOne(int& ptrNum) {
    ptrNum++;
    cout << ptrNum;
}
```

#2)

```
#include <iostream>
using namespace std;

int main() {
    int* arrGrades = new int;
    bool cont = true;
    int i = 0;
    int numGrades = 0;
    while (cont == true) {
        cin >> *(arrGrades + i);
        if (*(arrGrades + i) == -1) {
            cont = false;
        }
        numGrades++;
        i++;
    }

    int max = *arrGrades;
    for (int i = 0; i < numGrades; i++) {
        if (*(arrGrades + i) > max) {
            max = *(arrGrades + i);
        }
    }

    int array[max + 1] = { 0 };

    for (int k = 0; k < numGrades; k++) {
        array[*(arrGrades + k)]++;
    }

    for (int i = 0; i <= max; i++) {
        if (array[i] > 0) {
            cout << "Number of " << i << "'s: ";
            if (i < 10) {
                cout << " " << array[i] << endl;
            }
            else if (i < 100) {

```

```
        cout << " " << array[i] << endl;
    }
    else {
        cout << array[i] << endl;
    }
}
}
return 0;
}
```