#pragmaonce

#include"Student.h"

classClass Group

{

Student\*\* students;

int count = 0;

intcapaciti = 10;

public:

Group()

{

students = new Student \* [capaciti];

for (int = 0; i<capaciti; i++)

students[i] = nullptr;

}

~Group()

{

for (inti = 0; i< count; i++)

delete students[i];

delete[] students;

}

voidaddStudent(Student\* student)

{

if (count = capaciti)

resize(capaciti \* 2);

student[count] = student;

count++;

}

Student\* findStudent(string name)

{

for (inti = 0; i< count; i++)

{

Student\* stud = students[i];

if (stud->getName() == name)

return stud;

}

Return nullptr;

}

private:

void resize(int newSize)

{

Student\*\* temp = new Student \* [newSize];

for (inti = 0; i< count; i++)

temo[i] = students[i];

delete[] students;

capaciti = newSize;

students = temp;

}

};

int main()

{

Group group;

group.addStudent(new Student("Vasya", 122));

group.addStudent(new Student("Petya", 347));

Student\* stud = group.findStudent("Petya");

if (stud != nullptr)

{

stud->print();

}

}