#include <iostream>

#include <string>

using namespace std;

class Employee {

public:

string ename;

double salary;

static double empBonus;

Employee(string name1, double salary1) {

ename = name1;

salary = salary1;

}

static void setEmpBonus(double bonus) {

empBonus = bonus;

}

void showDetails() {

cout << "sakheli: " << ename << endl;

cout << "xelpasi: " << salary << endl;

}

};

double Employee::empBonus = 1000.0;

class DepEmployee : public Employee {

private:

string depname;

public:

DepEmployee(string name1, double salary1, string dep1) : Employee(name1, salary1) {

depname = dep1;

}

void showDetails() {

Employee::showDetails();

cout << "departamentis saxeli: " << depname << endl;

}

};

void myFunc(Employee\* emp) {

emp->showDetails();

}

int main() {

Employee employees[5] = {

Employee("name1", 5000.0),

Employee("name2", 4000.0),

Employee("name3", 3000.0),

Employee("name4", 2000.0),

Employee("name5", 1000.0)

};

double totalsalary = 0.0;

for (int i = 0; i < 5; i++) {

totalsalary += employees[i].salary;

}

cout << "xelpasis jami: " << totalsalary << endl;

Employee emp1("student1", 2500.50);

Employee emp2("studnet2", 3000.75);

emp1.setEmpBonus(500.0);

emp2.setEmpBonus(1000.0);

cout << "emp1.empBonus: " << emp1.empBonus << endl;

cout << "emp2.empBonus: " << emp2.empBonus << endl;

emp1.showDetails();

emp2.showDetails();

DepEmployee depEmp("student3", 7000.0, "it department");

myFunc(&emp1);

myFunc(&depEmp);

return 0;

}