//Michael Quach

//2.

#include <string>

class Property{

public:

Property(double space, string address){this->space=space; this->address =address;}

~Property();

private:

};

class House: public Property{

public:

House(double space, string address, double price){this->space=space; this->address=address; this->price=price;}

~House();

double getPrice(){return this->price;}

private:

double price;

};

class Apartment: public Property{

public:

Apartment(double space, string address, int roomNumber, double rent){

this->space=space; this->address=address;

this->roomNumber=roomNumber; this->rent=rent;}

~Apartment();

double getRent(){return this->rent;}

private:

int roomNumber;

double rent;

};

