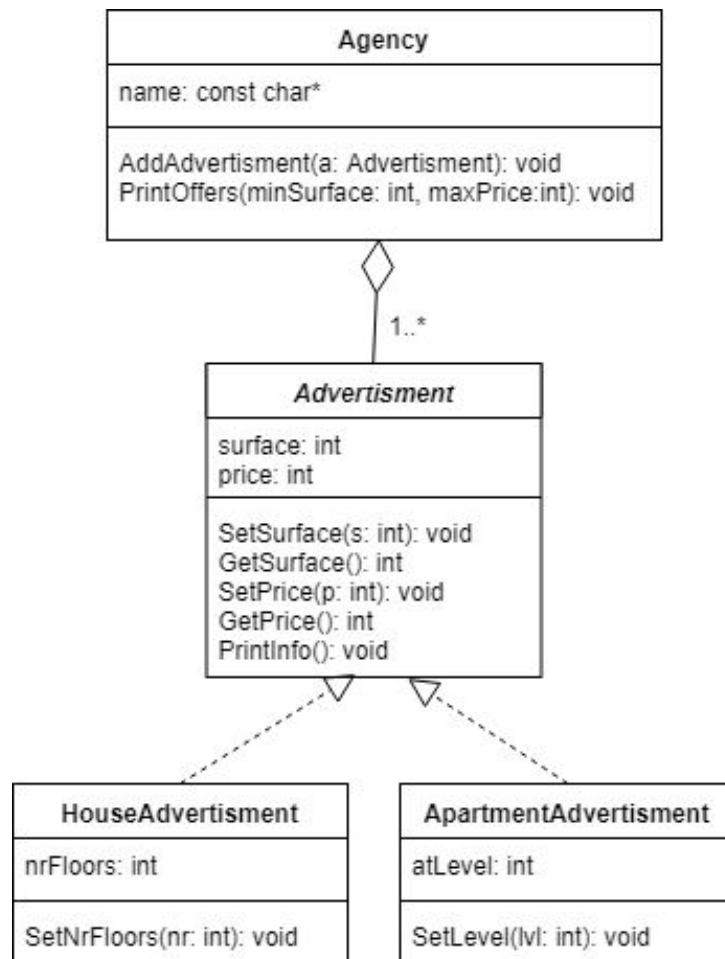


Fie următoarea diagrama UML:



Să se implementeze ierarhia de clase astfel încât codul din main să afișeze:

Main

```
int main() {  
  
    Agency agency("RealEstate");  
    HouseAdvertisement* h1 = new HouseAdvertisement(200, 100000, 3);  
    HouseAdvertisement* h2 = new HouseAdvertisement(150, 85000, 2);  
    ApartmentAdvertisement* a1 = new ApartmentAdvertisement(60, 50000, 7);  
    ApartmentAdvertisement* a2 = new ApartmentAdvertisement(80, 70000, 3);  
    ApartmentAdvertisement* a3 = new ApartmentAdvertisement(45, 30000, 5);  
    agency.AddAdvertisement(h1);  
    agency.AddAdvertisement(h2);  
    agency.AddAdvertisement(a1);  
    agency.AddAdvertisement(a2);  
    agency.AddAdvertisement(a3);  
  
    agency.PrintOffers(100, 1000);  
    agency.PrintOffers(50, 99000);  
  
    return 0;  
}
```

Afișare

Agency RealEstate could not find any offer for the criteria:

-min surface = 100

-max price = 1000

Agency RealEstate found the following offers:

House with 2 floors, with a surface of 150 square meters that costs 85000 dollars.

Apartment at 7-th level, with a surface of 60 square meters that costs 50000 dollars.

Apartment at 3-th level, with a surface of 80 square meters that costs 70000 dollars.

Barem:

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