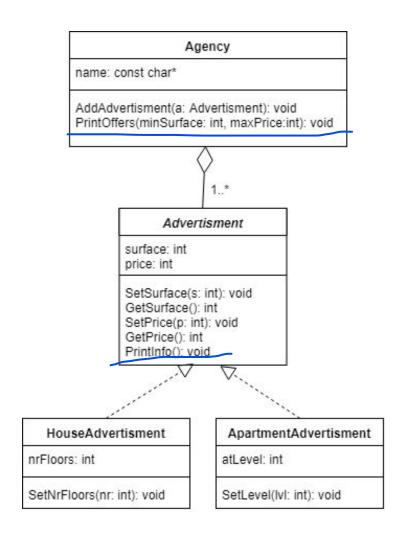
Fie următoarea diagrama UML:



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

Main int main() { Agency agency("RealEstate"); HouseAdvertisment* h1 = new HouseAdvertisment(200, 100000, 3); HouseAdvertisment* h2 = new HouseAdvertisment(150, 85000, 2); ApartmentAdvertisment* a1 = new ApartmentAdvertisment(60, 50000, 7); ApartmentAdvertisment* a2 = new ApartmentAdvertisment(80, 70000, 3); ApartmentAdvertisment* a3 = new ApartmentAdvertisment(45, 30000, 5); agency.AddAdvertisment(h1); agency.AddAdvertisment(h2); agency.AddAdvertisment(a1); agency.AddAdvertisment(a2); agency.AddAdvertisment(a3); agency.PrintOffers(100, 1000); agency.PrintOffers(50, 99000); return 0; } Afişare Agency RealEstate could not find any offer for the criteria:

Barem:

-min surface = 100 -max price = 1000

Agency RealEstate found the following offers:

Descriere	Punctaj
Aranjarea codului in headere si fișiere cpp corespunzătoare.	6
Programul compilează și afișează ceea ce s-a cerut	4
Clasa Advertisment	3
Clasa HouseAdvertisment	2
Clasa ApartmentAdvertisment	2
Clasa Agency	8

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.