PROJECT TITLE: REAL ESTATE RENTING MANAGEMENT SYSTEM

Abstract class= Real estate renting

Attributes= address, ownerName, tenantName, rentAmount, dateOfStart, periodOfRental

Methods: Pure virtual methods for calcCost and timeToEndOfRental

sub classes:

1. Apartment: with 2 child classes

Attributes:

For long-term rentals: touristicMonth (bool), touristicPlace, nbrOfPeople, authorityCosts (bool), childrenAndPets

For short-term rentals: nbrOfPeople, pricePerSqm, pricePerPerson

Methods: Implement calcCost and timeToEndOfRental

2. Land

Attributes: pricePerSqm, area

Methods: Implement calcCost and timeToEndOfRental

3.CommercialProperties

Attributes: taxes, activity, nbrOfPeople, potentialDamage, whoToPay, authorityCosts

Methods: Implement calcCost and timeToEndOfRental

BEHAVIOURS:

COST CALCULATION -This method ensures accurate and dynamic cost computation for different rental scenarios.

TimeToEndOfRental-method helps both property owners and tenants manage their rental agreements by providing real-time updates on the remaining rental period. This feature is crucial for planning, customer notifications, and optimizing rental turnover.