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//=====Aggregation =====
public boolean addBuilding(Building b)
{
    if (nbBuilding < bld.length )
    {
        bld[nbBuilding]=b;
        nbBuilding++;
        return true;
    }
    return false;
}

//=====
public double totalMonthlyRate()
{
    double total=0.0;
    for (int i=0; i<nbBuilding; i++)
        total=total+bld[i].totalMonthlyRate();
    return total;
}

//=====
public int nbOfFemaleSingleBuildings()
{
    int counter =0;
    for (int i=0; i<nbBuilding; i++)
        if (bld[i] instanceof SingleBld)
        {
            SingleBld s =(SingleBld) bld[i];
            if (s.getGender() == 'F')
                counter++;
        }

    return counter;
}

//=====Composition=====
public boolean addApartment(Apartment a)
{
    if (nbAptments < apt.length)
    {
        apt[nbAptments]= new Apartment(a);
        nbAptments++;
        return true;
    }
    return false;
}

//=====
public double totalMonthlyRate()
{
    double total=0.0;
    for (int i=0; i<nbAptments; i++)

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        total=total+apt[i].getMonthlyRate();  
    return total;  
}
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