package sample;

public class Bill

{

// These will be set by manager

private int electricity\_cost;

private int security\_cost;

private int staff\_cost;

// These will be fetched from database as per requirement

private int menu\_cost;

private int venue\_cost;

private int studio\_cost;

private int catering\_cost;

private double tax;

int total;

public Bill() {

electricity\_cost = security\_cost = staff\_cost = menu\_cost = venue\_cost = studio\_cost = total = 0;

tax = 3/100; // 3% tax

}

public int getElectricity\_cost() {

return electricity\_cost;

}

public void setElectricity\_cost(int electricity\_cost) {

this.electricity\_cost = electricity\_cost;

}

public int getSecurity\_cost() {

return security\_cost;

}

public void setSecurity\_cost(int security\_cost) {

this.security\_cost = security\_cost;

}

public int getStaff\_cost() {

return staff\_cost;

}

public void setStaff\_cost(int staff\_cost) {

this.staff\_cost = staff\_cost;

}

public int getMenu\_cost() {

return menu\_cost;

}

public void setMenu\_cost(int menu\_cost) {

this.menu\_cost = menu\_cost;

}

public int getVenue\_cost() {

return venue\_cost;

}

public void setVenue\_cost(int venue\_cost) {

this.venue\_cost = venue\_cost;

}

public int getStudio\_cost() {

return studio\_cost;

}

public void setStudio\_cost(int studio\_cost) {

this.studio\_cost = studio\_cost;

}

public int getCatering\_cost() {

return catering\_cost;

}

public void setCatering\_cost(int catering\_cost) {

this.catering\_cost = catering\_cost;

}

public int totalCost(int guests) {

this.electricity\_cost = 50 \* guests;

this.staff\_cost = 100 \* guests;

this.security\_cost = 50 \* guests;

total = electricity\_cost + staff\_cost + security\_cost + studio\_cost + menu\_cost + venue\_cost + catering\_cost;

tax = tax \* total;

total = total + (int)tax;

return total;

}

}