**FINANCIALFORECAST CODE**

class FinancialForecast {

public static double calcFutureMoney(double money, double rate, int yrs) {

if(yrs == 0) {

return money;

}

return calcFutureMoney(money, rate, yrs - 1) \* (1 + rate);

}

public static void main(String[] args) {

double myMoney = 1000;

double growth = 0.05;

int years = 10;

double result = calcFutureMoney(myMoney,growth,years);

System.out.println("Money after " + years + " years is $" + String.format("%.2f", result));

}

}

**OUTPUT**

