Ex.38

package ex38;

import java.util.Scanner;

public class Principal {

public static void main(String[] args) {

Scanner read = new Scanner(System.***in***); double Sf, S0, p; int x;

S0 = read.nextDouble(); p = read.nextDouble(); x = read.nextInt(); Sf = read.nextDouble();

System.***out***.println("Dupa " + x + " ani cu dobanda de " + p + "% cu suma initiala de " + S0 + " lei vom avea " + Ajutor.*dobanda*(S0, p, x) + " lei.");

System.***out***.println("Pentru a avea " + Sf + " lei in cont cu suma initiala de " + S0 + " lei si cu dobanda de " + p + "% avem nevoie de minim " + Ajutor.*ani*(S0, Sf, p) + " ani.");

read.close();

}

}

package ex38;

public class Ajutor {

static double dobanda(double a, double b, int c) {

return Math.*pow*(1+(b/100), c)\*a;

}

static int ani(double a, double b, double c) {

return (int)Math.*ceil*(Math.*log*(b/a)/Math.*log*(1+c));

}

}