# Realizat de: Briceag Maria, cl.a X-a”B”

For & While Ex.7(a,b,c,d)

import java.util.Scanner;  
  
public class Problema7 {  
 public static void main(String[] args) {  
 Scanner s=new Scanner(System.in);  
 System.out.println("Punctul a)");  
 int n=s.nextInt();  
 double sum=0,prod=1;  
 for(int i=1;i<=n;i++){  
 sum+=2\*i-1;  
 prod\*=(2\*i-1);  
 }  
 System.out.println("sum = "+sum);  
 System.out.println("prod = "+prod);  
  
 System.out.println("Punctul b)");  
 n=s.nextInt();  
 sum=0;  
 prod=1;  
 int i=1;  
 while (i<=n){  
 sum+=2\*i;  
 prod\*=(2\*i);  
 i++;  
 }  
 System.out.println("sum = "+sum);  
 System.out.println("prod = "+prod);  
  
 System.out.println("Punctul c)");  
 n=s.nextInt();  
 sum=0;  
 prod=1;  
 for(i=1;i<=n;i++){  
 sum+=3\*i;  
 prod\*=3\*i;  
 }  
 System.out.println("sum = "+sum);  
 System.out.println("prod = "+prod);  
  
 System.out.println("Punctul d)");  
 n=s.nextInt();  
 sum=0;  
 prod=1;  
 i=1;  
 while (i<=n){  
 sum+=4\*i;  
 prod\*=(4\*i);  
 i++;  
 }  
 System.out.println("sum = "+sum);  
 System.out.println("prod = "+prod);  
  
 }  
  
}