Problema 7 For

**import** java.util.Scanner;

**public** **class** ExersareWhileFor {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**int** s=0,a=0, c=0, e=0;

**double** p=1, b=1, d=1, f=1;

**for**(**int** i=1; i<=n; i++) {

s=s+(2\*i-1); p=p\*(2\*i-1);

a=a+(2\*i);

b=b\*(2\*i);

c=c+3\*i;

d=d\*(3\*i);

e=e+4\*i;

f=f\*(4\*i);

}

System.***out***.println("s="+s);

System.***out***.println("p="+p);

System.***out***.println("a="+a);

System.***out***.println("b="+b);

System.***out***.println("c="+c);

System.***out***.println("d="+d);

System.***out***.println("e="+e);

System.***out***.println("f="+f);

sc.close();

}

}

Problema 7 While

**import** java.util.Scanner;

**public** **class** ExersareWhileFor {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**int** s=0,a=0, c=0, e=0;

**double** p=1, b=1, d=1, f=1;

**for**(**int** i=1; i<=n; i++) {

s=s+(2\*i-1); p=p\*(2\*i-1);

a=a+(2\*i);

b=b\*(2\*i);

c=c+3\*i;

d=d\*(3\*i);

e=e+4\*i;

f=f\*(4\*i);

}

System.***out***.println("s="+s);

System.***out***.println("p="+p);

System.***out***.println("a="+a);

System.***out***.println("b="+b);

System.***out***.println("c="+c);

System.***out***.println("d="+d);

System.***out***.println("e="+e);

System.***out***.println("f="+f);

sc.close();

}

}

Problema de pe fisier For

**import** java.util.Scanner;

**public** **class** ProblemaAdaugatoareFor {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**double** s=0;

**for** (**double** i=1; i<=n; i++) {

s=s+i/(i+1);

}

System.***out***.println("s="+s);

sc.close();

}

}

Problema de pe fisier While

**import** java.util.Scanner;

**public** **class** ProblemaAdaugatoareWhile {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**double** s=0;

**double** i=1;

**while**(i<=n) {

s=s+i/(i+1);

i++;

}

System.***out***.println("s="+s);

sc.close();

}

}

Problema 8 For

**import** java.util.Scanner;

**public** **class** Problema8\_1 {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**double** s=0;

**for**(**double** i=1; i<=n; i++) {

**if**(i%2==0) {

s=s-(1d/i);

}

**else** {

s=s+(1d/i);

}

}

System.***out***.println("s="+s);

sc.close();

}

}

Problema8 While

**import** java.util.Scanner;

**public** **class** Problema8While {

**public** **static** **void** main(String[]args) {

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**double** s=0;

**double** i=1;

**while** (i<=n) {

**if**(i%2==0) {

s=s-(1d/i);

i++;

}

**else** {

s=s+(1d/i);

i++;

}

}

System.***out***.println("s="+s);

sc.close();

}

}