**Problema 1**

**(am încercat să o rezolv, dar mi-a reușit rezultatul corect)**

**import** java.util.Scanner;

**public** **class** Problema1 {

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

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

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

**int** sum=0;

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

sum=sum+i; }

**while**(sum<=1000)

{

**double** m=sum/n;

}

System.***out***.println("Media aritmetica: "+m);

tastatura.close();

}

}

**Problema 2**

**public** **class** Problema2 {

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

**int** i=5;

**do** {

**int** j=0;

**do** {

System.***out***.printf("%2d", i);

j++; } **while**(j<i);

System.***out***.println();

i--;

}**while**(i>0);

}

}

**Problema 3**

**import** java.util.Scanner;

**public** **class** Problema3 {

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

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

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

**double** i=1;

**int** s1=0;

**do** {

**int** p=(**int**) Math.*pow*(i, 2.0);

s1=s1+p;

i++;

}**while**(i<=n);

**double** s=0;

**int** j=1;

**int** s2;

**do** {

s=s+j;

j++;

s2=(**int**) Math.*pow*(s, 2.0);

}**while**(j<=n);

**if**(s1<s2) {

System.***out***.println("s1 e mai mica ca s2.");

}**else** {

System.***out***.println("s2 e mai mica ca s1.");

}

**if**(s1==s2) {

System.***out***.println("s1 este egala cu s2.");

}

tastatura.close();

}

}