Problema 7

a)
```java
import java.util.Scanner;
 public class TPA {
public static void main (String []args) {
 Scanner AM=new Scanner (System.in);
 int n=AM.nextInt();
int s=0,p=1;
 for(int i=1; i<=n; i++) {
 s=s+(2*i-1);
 p=p*(2*i-1);
 }
 System.out.println("a)Suma:"+s);
 System.out.println(" Produsul:"+p);
 AM.close();
}
}
```

b)
```java
import java.util.Scanner;
public class TPA {
 public static void main (String []args) {
 Scanner AM=new Scanner (System.in);
 int n=AM.nextInt();
int s=0,p=1;
 for(int i=1; i<=n; i++) {
 s=s+(2*i);
p=p*(2*i); }
 System.out.println("b)Suma:"+s);
 System.out.println(" Produsul:"+p);
AM.close();
 }
 }
```

c)
```java
import java.util.Scanner;
public class TPA {
 public static void main (String []args) {
 Scanner AM=new Scanner (System.in);
 int n=AM.nextInt();
int s=0,p=1;
 for(int i=1; i<=n; i++) {
 s=s+(3*i);
p=p*(3*i);
 }
System.out.println("c)Suma:"+s);
System.out.println(" Produsul:"+p);
AM.close();
 }
}
```

d)
```java
import java.util.Scanner;
 public class TPA {
 public static void main (String []args) {
Scanner AM=new Scanner (System.in);
 int n=AM.nextInt();
int s=0,p=1;
for(int i=1; i<=n; i++) {
```

```java
s=s+(4*i);
p=p*(4*i);
}
System.out.println("d)Suma:"+s);
System.out.println(" Produsul:"+p);
 AM.close();
}
 }
```

Problema 8

```java
 import java.util.Scanner;
 public class ABC {
 public static void main( String [] args){
Scanner fwd=new Scanner(System.in);
int n=fwd.nextInt();
System.out.println("n="+n);
double s=0;
for(int i=1; i<=n; i++)
{ if (i%2==0) { s-=1/i;} else { s=1/i;}
 }
 System.out.println("Suma:"+s);
 fwd.close();
}
 }
```

Problema de pe foaie

```java
import java.util.Scanner;
public class problema {
 public static void main(String[] args) {
Scanner droz=new Scanner(System.in);
 int n=droz.nextInt();
System.out.println("n="+n);
double s=0, p=1;
int i=1; while(i<=n){ s+=i/(i+1);
p=p*i/(i+1); i++; }
System.out.println("suma:"+s);
System.out.println("produsul:"+p);
droz.close();
 }
}
```