```java
import java.util.Scanner;
public class TestDrive {
public static void main(String args[]) {
//exercitiul 6
int i;
for (i='A'; i<='Z'; i++) {
      System.out.println(i);
}
//exercitiul 7
Scanner sc = new Scanner(System.in);
System.out.println("introduceti n= ");
int n = sc.nextInt();

int s1=0; int s2=0; int s3=0; int s4=0;
int p1=1; int p2=1; int p3=1; int p4=1;
for(int j=1; j<n+1; j++) {
      s1+=(2*j-1);
      p1=p1*(2*j-1);
}
for (int k=1; k<n+1; k++) {
      s2+=2*k;
      p2=p2*(2*k);
}
for (int l=1; l<n+1; l++) {
      s3+=(2*l+1);
      p3=p3*(2*l+1);
}
for (int m=1; m<n+1; m++) {
      s4+=4*m;
      p4=p4*(4*m);
}
System.out.println("s1= "+s1+"\n"+"p1= "+p1+"\n"+"s2= "+s2+"\n"+"p2= "+p2+"\n"+
"s3= "+s3+"\n"+"p3= "+p3+"\n"+"s4= "+s4+"\n"+"p4= "+p4);
//exercitiul 8
System.out.println("introduceti nr= ");
int nr = sc.nextInt();
sc.close();
double s=1;
for(double p=2; p<nr+1; p++) {
      if (p % 2 ==1)
              s+=(1/p);
      else
              s-=(1/p);
}
System.out.println("s= "+s);
}
}
```