import java.util.Scanner;

public class ex66 {

// ex 6

public static void main(String args[]) {

for(int i='A'; i<='Z'; i++) {

System.out.println(i);

}

//ex 7

Scanner tast = new Scanner(System.in);

System.out.println("introduceti numarulpentru problema 7 ");

int n=tast.nextInt();

int sum=0;

int prod=1;

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

sum =sum+(2\*i-1);

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

}

int sum1 = 0;

int prod1=1;

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

sum1=sum1+(2\*i);

prod1=prod1\*(2\*i);

}

int sum2=0;

int prod2=1;

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

sum2=sum2+(3\*i);

prod2=prod2\*(3\*1);

}

int sum3=0;

int prod3=1;

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

sum3=sum3+(4\*1);

prod3=prod3\*(4\*i);

}

System.out.println("punctul a: sum = "+sum+"prod= "+prod);

System.out.println("punctul b: sum = "+sum1+"prod= "+prod1);

System.out.println("punctul c: sum = "+sum2+"prod= "+prod2);

System.out.println("punctul d: sum = "+sum3+"prod= "+prod3);

//ex 8

System.out.println("introduceti numarulpentru problema 8");

int n1=tast.nextInt();

double suum=0;

for (double i=1;i<n1;i++) {

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

suum=suum-(1/i);}

else {

suum=suum +(1/i);

}

}

System.out.println(suum);

}

}