

Ex:7,pag97:

```
import java.util.Scanner;
public class Info1 {
    public static void main(String[] args) {
        int S=0, P=1;
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        for(int i=1; i<=n; i++) {
            S=S+(2*i-1);
            P=P*(2*i-1);}
        System.out.println("a")+S+"\t"+P);
        int S1=0;
        int P1=1;
        for(int i=1; i<=n; i++) {
            S1=S1+(2*i); P1=P1*(2*i);
        }
        System.out.println("b")+S1+"\t"+P1);
        int S2=0, P2=1;
        for(int i=1; i<=n; i++) {
            S2=S2+(3*i); P2=P2*(3*i);
        }
        System.out.println("c")+S2+"\t"+P2);
        int S3=0, P3=1;
        for(int i=1; i<=n; i++) {
            S3=S3+(4*i); P3=P3*(4*i);
        }
        System.out.println("d")+S3+"\t"+P3);
        sc.close();
    }
}
```

```
import java.util.Scanner;
public class Ex7pag97 {
    public static void main(String[] args) {
        int S=0, P=1;
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();

        int i=1;
        while(i<=n) {
            S=S+(2*i-1); P=P*(2*i-1);
            i++;
        }
        System.out.println("a")+S+"\t"+P);
        int a=1, S1=0, P1=1;
        while(a<=n) {
            S1=S1+(2*a); P1=P1*(2*a); a++;
        }
        System.out.println("b")+S1+"\t"+P1);
        int b=1, S2=0, P2=1;
        while(b<=n) {
            S2=S2+(3*b); P2=P2*(3*b); b++;
        }
        System.out.println("c")+S2+"\t"+P2);
        int c=1, S3=0, P3=1;
        while(c<=n) {
            S3=S3+(4*c); P3=P3*(4*c); c++;
        }
    }
}
```

```

System.out.println("d")+S3+"\t"+P3);
sc.close();
}
}

```

Problema de pe fișă:

```

import java.util.Scanner;
public class Fisa {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        double sum=0;
        double i=1;
        while(i<=n) {
            sum=sum+(i/(i+1)); i++;}
        System.out.println(sum);
        sc.close();
    }
}

```

Ex:8, pag 97:

```

import java.util.Scanner;
public class Ex8pag97 {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        double sum=0;
        for(int i=1; i<=n; i++) {
            if(i%2==0) {
                sum=sum-(1d/i);
            }else {
                sum=sum+(1d/i);
            }
        }
        System.out.println(sum);
        sc.close();
    }
}

```

```

import java.util.Scanner;
public class ex8while {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        double sum=0;
        int i=1;
        while(i<=n) {
            if(i%2==0) {
                sum=sum-(1d/i); i++;
            }else {
                sum=sum+(1d/i); i++;
            }
        }
    }
}

```

```
    }  
    System.out.println(sum);  
    sc.close();  
}  
}
```