Ex. 7 p. 97

a)
```java
public class TemaAcasa {
public static void main(String[]args) {
        int sum=0;
        int product=1;
        for(int i=1; i<=3; i++) {
                sum=sum+(2*i-1);
                product=product*(2*i-1);

        }
        System.out.println("sum = "+sum);
        System.out.println("product = "+product);
}
}
```

b)
```java
public class TemaAcasa {
public static void main(String[]args) {
        int sum=0;
        int product=1;
        for(int i=1; i<=3; i++) {
                sum=sum+(2*i);
                product=product*(2*i);

        }
        System.out.println("sum = "+sum);
        System.out.println("product = "+product);
}
}
```

C)
```java
public class TemaAcasa {
public static void main(String[]args) {
        int sum=0;
        int product=1;
        for(int i=1; i<=3; i++) {
                sum=sum+(3*i);
                product=product*(3*i);

        }
        System.out.println("sum = "+sum);
        System.out.println("product = "+product);
}
}
```

d)
```java
public class TemaAcasa {
public static void main(String[]args) {
        int sum=0;
        int product=1;
        for(int i=1; i<=3; i++) {
                sum=sum+(4*i);
                product=product*(4*i);

        }
        System.out.println("sum = "+sum);
        System.out.println("product = "+product);
}
}
```

Ex. 8 p. 97

```java
public class TemaAcasa {
public static void main(String[]args) {
        double sum=0;
        for(int i=1; i<=3; i++) {
                if (i%2==0 ) {
                        sum=sum-1d/i;
                }
                else {
                        sum=sum+1d/i;
                }

        }
        System.out.println("sum = "+sum);
}
}
```

Problema:

Cu while:

```java
import java.util.Scanner;
public class TemaAcasaTrei {
public static void main(String [] args) {
        Scanner ab= new Scanner(System.in);
        int n= ab.nextInt();
    double sum=0;
        double product=1;
        while ( n<=3) {
                sum=sum+(n/(n+1d));
                n++;
                product=product*(n/(n+1d));
                n++;
        }
        System.out.println("sum = "+sum);
        System.out.println("product = "+product);
ab.close();
}
}
```

Cu for:

```java
import java.util.Scanner;
public class TemaAcasaTrei {
public static void main(String [] args) {
        Scanner ab= new Scanner(System.in);
    double sum=0;
        double product=1;
        for(int n= ab.nextInt(); n<=3; n++) {
                sum=sum+(n/(n+1d));

                product=product*(n/(n+1d));


        }
        System.out.println("sum = "+sum);

System.out.println("product = "+product);
ab.close();
}
}
```