Țeșu_Ilie_For_While_Zoom

Ex.7 p.97:

a)public class exersam {

public static void main(String[]args) {

int Sum=0, Prod=1;

for(int i=1; i<=4; i++) {

Sum=Sum+(2*i-1);

Prod=Prod*(2*i-1);

}

System.out.println("Suma="+Sum);

System.out.println("Produs="+Prod);

}

}

b)public class exersam {

public static void main(String[]args) {

int Sum=0, Prod=1;

for(int i=1; i<=4; i++) {

Sum=Sum+(2*i);

Prod=Prod*(2*i);

}

System.out.println("Suma="+Sum);

System.out.println("Produs="+Prod);

}

}

c) public class exersam {

public static void main(String[]args) {

int Sum=0, Prod=1;

```
   for(int i=1; i<=4; i++) {
      Sum=Sum+(3*i);
      Prod=Prod*(3*i);
   }
   System.out.println("Suma="+Sum);
   System.out.println("Produs="+Prod);
}
}
```

d)

```
public class exersam {
public static void main(String[]args) {
   int Sum=0, Prod=1;
   for(int i=1; i<=4; i++) {
      Sum=Sum+(4*i);
      Prod=Prod*(4*i);
   }
   System.out.println("Suma="+Sum);
   System.out.println("Produs="+Prod);
}
}
```

Ex.8 p.97:

```
public class exersam {
public static void main(String[]args) {
   double Z=0;
   for(int i=1; i<=4; i++) {
      if(i%2==0) {
         Z=Z-1d/i;
      }
      else {
         Z=Z+1d/i;
```

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