OpalcuGabriela_For_While_Zoom

Ex.7 p.97:

a)public class exersam {

public static void main(String[]args) {

int S=0, P=1;

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

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

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

}

System.out.println("SUMA="+S);

System.out.println("PRODUSUL="+P);

}

}

b)public class exersam {

public static void main(String[]args) {

int S=0, P=1;

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

S=S+(2*i);

P=P*(2*i);

}

System.out.println("SUMA="+S);

System.out.println("PRODUSUL="+P);

}

}

c) public class exersam {

public static void main(String[]args) {

int S=0, P=1;

```
   for(int i=1; i<=4; i++) {
      S=S+(3*i);
      P=P*(3*i);
   }
   System.out.println("SUMA="+S);
   System.out.println("PRODUSUL="+P);
}
}
```

d)

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

Ex.8 p.97:

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

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

Exercițiul de pe fișă: (În alt mod nu am știut cum să rezolv)

```
import java.util.Scanner;
public class exersam {
public static void main(String[]args) {
    Scanner abc = new Scanner (System.in);
    int a = abc.nextInt();
    int S=0;
    int R=1;
    int i=1;
    while(i<=a) {
        R=R*(i/(i+1));
        S=S+(i/(i+1));
        i++;
    }
        System.out.println("RAPORTUL="+R);
        System.out.println("SUMA="+S);
        abc.close();
}
}
```