

Problemele facute in clasa 12.02.2020

Ex 1

```
import
java.util.
Scanner;

    public class gggghhhh {
    public static void main(String[] args) {
    Scanner sc=new Scanner (System.in);
    int n=sc.nextInt();
    double sum=0;
    int i=1;
    while(true) {
    sum+=Math.sqrt(i);
    i++;
    if(i>n)
    break;
    }
    System.out.println(sum);

    }
    }
```

Ex2

```
import java.util. Scanner;
public class ex2 {
public static void main(String[] args) {
Scanner sc=new Scanner (System.in);
int n=sc.nextInt();
int prod=1;
int i=1;
while(true) {
```

```

prod=prod*i;
if(prod>=n) break;
i++;
}
if(prod==n) System.out.println(i);
else System.out.println("numarul introdus nu are nici un factorial");
}

}

```

Ex3

```

import java.util. Scanner;
public class ex3 {
public static void main(String[] args) {
Scanner sc=new Scanner (System.in);
int ac=sc.nextInt();
int s=1;
int v=0;
int distanta=0;
while(true) {
v=acs;
distanta=distanta +(vs);
System.out.println("la secunda "+s+" viteza este: "+v+" si coordonata este:
"+distanta+" metri");
s++;
if(s>10) break;

}
}
}

```