

```
import java.util.*;

public class Main
{
    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        //Problema 1

        while( true ) {

            int n = sc.nextInt();

            int v = 0;

            int s = 0;

            if(n < 18) {
                for (int i = 1; i <= n ; i++ ) {

                    v += i;

                    s += v;

                    if( s > 100 ) {

                        System.out.println(i + " ani");

                    }

                }

                System.out.println(s + "$");

                break;

            }else {

                System.out.println("N tre sa fie mai mic ca 18, introduceti din nou");

            }

        }

    }

}
```

```
}
```

```
//Problema 2
```

```
System.out.println("=====");
```

```
int an = sc.nextInt();
```

```
int m = 8;
```

```
for(int i = 2; i <= an; i++) {
```

```
    m += ((0.5 * m) + 4);
```

```
    if( m >= 200 ) {
```

```
        System.out.println("In " + i + " nu mai putin de 200 de mere");
```

```
    }
```

```
}
```

```
System.out.println(m + " mere");
```

```
sc.close();
```

```
}
```

```
}
```