```
> n := 10
```

$$n := 10 \quad (1)$$

```
> for i from 1 to n do print(i) end do
```

1
2
3
4
5
6
7
8
9
10 (2)

```
> for i from 1 to (n/2) do print(2i) end do
```

2
4
6
8
10 (3)

```
> for i from 1 to ((n+1)/2) do print(2 i - 1) end do
```

1
3
5
7
9 (4)

```
> Fibonacci := proc(n :: nonnegint) if n < 2 then n; else Fibonacci(n-1) + Fibonacci(n-2);
    end if; end proc:
> seq(Fibonacci(i), i=0..20 );
```

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765 (5)

```
> recursive_factorial := proc(n :: nonnegint) if n=0 then 1 else n·recursive_factorial(n - 1)
    end if ;end proc:
> recursive_factorial(5);
```

120 (6)

```
>
```