```
> n := 15
```

$$n := 15 \quad \textbf{(1)}$$

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15 **(2)**

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

2
4
6
8
10
12
14 **(3)**

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

1
3
5
7
9
11
13
15 **(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)**

```
>
```