

```
Main
__t0 := NEW Sum
@Param: Sum
@Param: 10000
__t1 := CALL calcSum: 2
PRINT __t1
EXIT
```

```
Sum_calcSum
METHOD Sum IN calcSum
__t2 := num < 2
if __t2 goto block_2 else goto block_1
```

true

false

```
block_1
sum := 1
goto block_3
```

```
block_2
@Param: Sum
__t4 := num - 1
@Param: __t4
__t3 := CALL calcSum: 2
__t5 := num + __t3
sum := __t5
goto block_3
```

```
block_3
RETURN sum
```