

```

                                factorial
0:    param  0 <- str
1:    call   WriteStr
2:    call   t8 <- ReadInt
3:    assign i <- t8
4:    return i

```

```

                                fact
0:    if      n <= 0 goto 1_if_true
1:    goto    2_if_false
2: 1_if_true:
3:    return  0
4:    goto    0
5: 2_if_false:
6:    if      n <= 1 goto 6_if_true
7:    goto    7_if_false
8: 6_if_true:
9:    return  n
10:   goto    5
11: 7_if_false:
12:   sub     t8 <- n, 1
13:   param   0 <- t8
14:   call    t9 <- fact
15:   mul     t10 <- n, t9
16:   return  t10
17: 5:
18: 0:

```

```

                                ReadNumber
0:    param  0 <- str
1:    call   WriteStr
2:    call   t8 <- ReadInt
3:    assign i <- t8
4:    return i

```