

```

                                pfact
0:      &()      t0 <- _str_3
1:      param  0 <- t0
2:      call   WriteStr
3:      call   WriteLn
4:      call   WriteLn
5:      &()      t1 <- _str_4
6:      param  0 <- t1
7:      call   WriteStr
8:      call   t2 <- ReadInt
9:      assign n <- t2
10:     &()      t3 <- _str_5
11:     param  0 <- t3
12:     call   WriteStr
13:     param  0 <- n
14:     call   WriteInt
15:     &()      t4 <- _str_6
16:     param  0 <- t4
17:     call   WriteStr
18:     param  0 <- n
19:     call   primefactor
20:     call   WriteLn

```

```

                                primefactor
0:      if      n < 1 goto 1_if_true
1:      goto    2_if_false
2: 1_if_true:
3:      return
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:      &()      t5 <- _str_1
10:     param  0 <- t5
11:     call   WriteStr
12:     param  0 <- 1
13:     call   WriteInt
14:     goto    5
15: 7_if_false:
16:     assign f <- 2
17: 13_while_cond:
18:     if      f <= n goto 14_while_body
19:     goto    12
20: 14_while_body:
21:     div      t6 <- n, f
22:     mul      t7 <- t6, f
23:     if      t7 = n goto 17_if_true
24:     goto    18_if_false
25: 17_if_true:
26:     &()      t8 <- _str_2
27:     param  0 <- t8
28:     call   WriteStr
29:     param  0 <- f
30:     call   WriteInt
31:     div      t9 <- n, f
32:     assign n <- t9
33:     goto    16
34: 18_if_false:
35:     add      t10 <- f, 1
36:     assign f <- t10
37: 16:
38:     goto    13_while_cond
39: 12:
40: 5:
41: 0:

```