```
                                              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:
```