

```

                                test11
0:      call    t0 <- Input
1:      param   0 <- t0
2:      call    primefactor

```

```

                                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 5_if_true
7:      goto    6_if_false
8: 5_if_true:
9:      param   0 <- 1
10:     call    Output
11:     goto    4
12: 6_if_false:
13: 9_while_cond:
14:     if      n > 1 goto 10_while_body
15:     goto    8
16: 10_while_body:
17:     assign f <- 2
18: 13_while_cond:
19:     if      f <= n goto 14_while_body
20:     goto    12
21: 14_while_body:
22:     div      t0 <- n, f
23:     mul      t1 <- t0, f
24:     if      t1 = n goto 16_if_true
25:     goto    17_if_false
26: 16_if_true:
27:     param   0 <- f
28:     call    Output
29:     div      t2 <- n, f
30:     assign n <- t2
31:     goto    15
32: 17_if_false:
33:     add      t3 <- f, 1
34:     assign f <- t3
35: 15:
36:     goto    13_while_cond
37: 12:
38:     goto    9_while_cond
39: 8:
40: 4:
41: 0:

```