

1) vending-rtl.v

```
[mikasa@cthu:~/socv/Homework1/vending-simple$ ../V3/v3
[v3> read rtl vending-rtl.v

[v3> print ntk -verbose
=====
BV_MUX                      163
BV_AND                       3
BV_ADD                       22
BV_SUB                       9
BV_MULT                      8
BV_MERGE                     20
BV_EQUALITY                  15
BV_GEQ                       9
BV_SLICE                     249
BV_CONST                     36
-----
V3_PI                        6
V3_PO                        7
V3_FF                        15
=====
TOTAL                        555
Floating                     1
```

2) vending.btor

```
[mikasa@cthu:~/socv/Homework1/vending-simple$ ../V3/v3
[v3> read btor vending.btor

[v3> print ntk -verbose
=====
BV_MUX                      163
BV_AND                       3
BV_ADD                       22
BV_SUB                       9
BV_MULT                      8
BV_MERGE                     20
BV_EQUALITY                  15
BV_GEQ                       9
BV_SLICE                     144
BV_CONST                     52
-----
V3_PI                        6
V3_PO                        7
V3_FF                        15
=====
TOTAL                        466
```

3) vending.aig

```
[mikasa@cthu:~/socv/Homework1/vending-simple$ ../V3/v3
[v3> read aig vending.aig

[v3> print ntk -verbose
=====
AIG_NODE                                     5627
-----
V3_PI                                       11
V3_PO                                       17
V3_FF                                       48
=====
TOTAL                                     5686
```