

```
load'16-bit-adder.ijs'
dtb 3
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
signed_value dtb 3
3
sixteenBitAdder 1 2 0
3
test
  0      1 0
  _1     1 0
  _1     1 1
32767   1 0
_32768  1 0
32767   2 0
_32768  _1 0
32767  32767 0
_32768 _32768 0
sba rows test
1 _65536 _65535 32768 32769 32769 _32769 65534 _65536
test ,. sba rows test
  0      1 0      1
  _1     1 0 _65536
  _1     1 1 _65535
32767   1 0 32768
_32768  1 0 32769
32767   2 0 32769
_32768  _1 0 _32769
32767  32767 0 65534
_32768 _32768 0 _65536
dtb 32767
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
dtb 32768
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
#dtb 32768
16
load'16-bit-adder.ijs'
test ,. sba rows test
  0      1 0      1
  _1     1 0      0
  _1     1 1      1
32767   1 0 _32768
_32768  1 0 _32767
32767   2 0 _32767
_32768  _1 0 32767
32767  32767 0 _2
_32768 _32768 0 0
load'16-bit-adder.ijs'
test ,. sixteenBitALU rows test
  0      1 0      1
  _1     1 0 _65536
  _1     1 1      _2
32767   1 0 32768
```

```
_32768      1 0  32769
 32767      2 0  32769
_32768     _1 0 _32769
 32767  32767 0  65534
_32768 _32768 0 _65536
  dtb
(16$2)&#:
  dtb =: (32copy2)bond rep
|ill-formed number
  dtb =: (32 copy 2)bond rep
  dtb 2^32
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  dtb 2^31
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  dtb _1+2^31
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  btd dtb _1+2^31
2.14748e9
  btd dtb _1+2^31x
2147483647
```