CompareTo

Condition, condition decision and multiple condition coverage for compareTo

if(words == null & y.words == null)

x true y true: x = 3 y = 4

x false y false: x=2147483648, y=2147483648

for multiple condition coverage:

x true y false: x= 2147483648 y= 2

x false y true: x=2, y=2147483648

if(x.ival < y.ival)

true: x = 3 y = 4

false: x = 3 y = 3

if(x.ival > y.ival)

true: x = 5 y = 1

false: x = 3 y = 3

if(x_negative != y_negative)

true: x= 2147483648, y=2

false: x=2147483648, y=2147483648

if(x_negative == true)

true: x= -2147483648, y=2

false: x= 2147483648, y=2

if(x.words == null)

true: x=2, y=2147483648

false: x=2147483648, y=2

if(y.words == null)

true: x=2147483648, y=2

false: x=2, y=2147483648

if(x_len != y_len)

true:x= 2147483648, y=2

false(x_len == y_len): x= 2147483648, y=2147483648

if((x_len > y_len) != x_negative)

true: x= 2147483648, y=2

false: x=2, y=2147483648