DU-pairs per statement:

|  |  |  |
| --- | --- | --- |
| Node | Def | Use |
| 1 | data, row, total, columnCount | data |
| 2 | c | c, columnCount |
| 3 | n | row, c, n, data |
| 4 |  | total, n |
| 5 |  | total |

DU-pairs per variable:

* for data (1, 1) (1,3)
* for row (1, 3)
* for total (1, 4) (1, 5)
* for columnCount (1, 2)
* for c (2, 2) (2, 3)
* for n (3, 3) (3, 4)

DU-pair coverage per test:

* calculateTwoValues()
  + for data (1, 1) (1,3)
  + for row (1, 3)
  + for total (1, 4) (1, 5)
  + for columnCount (1, 2)
  + for c (2, 2) (2, 3)
  + for n (3, 3) (3, 4)
  + 10 pairs (100% DU-Pair coverage)
* calculateColumnIndexOutofRange()
  + for data (1, 1) (1,3)
  + for row (1, 3)
  + for total (1, 5)
  + for columnCount (1, 2)
  + for c (2, 2) (2, 3)
  + for n (3, 3)
  + 8 pairs (80% DU-Pair coverage)
* calculateColumnIndexNegative()
  + for data (1, 1) (1,3)
  + for row (1, 3)
  + for total (1, 5)
  + for columnCount (1, 2)
  + for c (2, 2) (2, 3)
  + for n (3, 3)
  + 8 pairs (80% DU-Pair coverage)
* tableHasZeroRows()
  + for data (1, 1)
  + for total (1, 4) (1, 5)
  + for columnCount (1, 2)
  + for c (2, 2)
  + 5 pairs (50% DU-Pair coverage)
* dataObjectInvalid()
  + for data (1, 1)
  + 1 pair (10% DU-Pair coverage)