|  |  |  |  |
| --- | --- | --- | --- |
| Coverage Type | Number of test cases needed to obtain 100% coverage | Coverage obtained with test cases defined (%) | Test cases defined |
| Node | 2 | 100% | T1-T2 |
| Edge | 2 | 100% | T1-T2 |
| Multiple Condition | In theory: Line 8 (4 test),Line 10(4 test), but we can cover them with 1 test using different values in loop iteration | 100% | T2 |
| Loop | Not feasible, since iteration does not depend on input | 33%  Only multiple iterations | T1 or T2 |
| Path | 2\*3^(4\*5) | More than six million test cases to obtain full path coverage |  |

T1 ([1,1,1,1,1,…],[1,1,1,1,1,…]) 🡺 grade = 15

T2 ([1,1,0,1,1,…],[0,0,1,0,0,…]) 🡺 grade = -4 🡺 0 is returned

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