for(int j=0;j<5;j++){ //line 1

//line 2

if(c>d){ //line 3

i++; //line 4

} //line 5

//line 6

} //line 7

* 1.5 = condition(Assumed)
* In the equation ((N+I) (S+C)), “I” is the Indentation where min is 0 and max is 1 and have only two values.
* In line 3 there should be an indentation. But doesn’t happen. So, complexity(understandability/readability) should increase. Then I=1
* In line 4 indentation happened. So complexity shouldn’t be increase. Then I=0

|  |  |  |  |
| --- | --- | --- | --- |
| Line No | Size (S) | Control Structures (C) | Complexity (N+I) (S+C) |
| 1 | 7 | 3\*(1.5) =4.5 | (1+0) (7+4.5) =11.5 |
| 2 | 0 | 0 | 0 |
| 3 | 0 | 2\*(1.5) = 3 | (1+1) (0+3) =3 |
| 4 | 3 | 0 | (2+0) (3+0) = 6 |
| 5-7 | 0 | 0 | 0 |