```
z = 10
z = 9
z = 8
z = 7
z = 6
z = 5
z = 4
z = 3
z = 2
z = 1

12 -> [parent = 4, key = Lorem, left = nil, right = nil]
11 -> [parent = 10, key = ipsum, left = 5, right = 9]
10 -> [parent = 8, key = dolor, left = 7, right = 11]
9 -> [parent = 11, key = sit, left = 2, right = nil]
8 -> [parent = nil, key = amet, left = 4, right = 10]
7 -> [parent = 10, key = consectetur, left = nil, right = nil]
6 -> [parent = 4, key = adipiscing, left = 3, right = nil]
5 -> [parent = 11, key = elit, left = nil, right = 1]
4 -> [parent = 8, key = Morbi, left = 12, right = 6]
3 -> [parent = 6, key = ac, left = nil, right = nil]
2 -> [parent = 9, key = placerat, left = nil, right = nil]
1 -> [parent = 5, key = felis, left = nil, right = nil]
 root -> 8
12 -> color = BLACK
11 -> color = RED
10 -> color = BLACK
9 -> color = BLACK
8 -> color = BLACK
7 -> color = BLACK
6 -> color = BLACK
5 -> color = BLACK
4 -> color = BLACK
3 -> color = RED
2 -> color = RED
1 -> color = RED
```