## Example for Brian Kernighan's Algorithm:

```
n = 9 (1001)
count = 0
Since 9 > 0, subtract by 1 and do bitwise & with (9-1)
n = 9&8 (1001 & 1000)
n = 8
count = 1
Since 8 > 0, subtract by 1 and do bitwise & with (8-1)
n = 8&7 (1000 & 0111)
n = 0
count = 2
Since n = 0, return count which is 2 now.
```

Time Complexity: O(logn)