

Round Down

Given some power of two `powerOfTwo` and a positive number `num`, round `num` down to the nearest multiple of `powerOfTwo`. Assume `powerOfTwo` is greater than or equal to 1. You may use only bit operations and one subtraction/addition operation.

Examples:

1 `roundDown(8, 53) -> 48`

2 `roundDown(16, 90) -> 80`

3 `roundDown(1, 90) -> 90`

```
1 public int roundDown(int powerOfTwo, int num) {  
2  
3     return _____;  
4 }
```