

Leetcode Question and Solutions

1. 319 Bulb Switcher

- <https://leetcode.com/problems/bulb-switcher/description/>

```
var bulbSwitch = function(n) {  
  // return parseInt(Math.sqrt(n));  
  
  let count = 0;  
  let i = 1;  
  while((i*i) <= n){  
    count++;  
    i++;  
  }  
  return count;  
};
```

2. 292 Nim game

- <https://leetcode.com/problems/nim-game/description/>
- If condition is they can take 2 coin only then they loose on every 3rd coin and their multiple. and so on

```
var canWinNim = function(n) {  
  
  return n%4 != 0;  
  
  // if(n % 4 == 0)  
  //   return false;  
  // else  
  //   return true;  
};
```

3. 1025 Divisor Game

- <https://leetcode.com/problems/divisor-game/description/>

```
var divisorGame = function(n) {  
  return (n%2 == 0)? true : false;  
  
};
```