

Practice Basic Questions

Ques All prime numbers upto n
count

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31

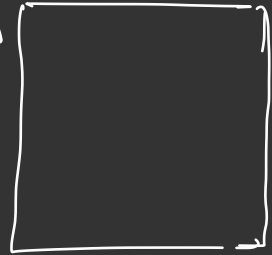
Count all prime no b/w 1 - n

n = 10,

print

Check if
a number
is prime

or not



2, 3, 4, ..., n

(n)

\Rightarrow `scn.nextInt()` count = 0

2 \longrightarrow n

numToCheck

Outer loop

numToCheck



if (isPrime == true) {
 count = count + 1;
}

return count

num

2, 3, ..., n-1

2, 3, ..., $\sqrt{\text{num}}$

val = 2

val $\leq \sqrt{n}$

$(\text{val})^2 \leq (\sqrt{n})^2$

$\text{val} \times \text{val} \leq n$

Q → 3, 2

k = 5, 5

Que Queen's attack

	1	2	3	4	5	6	7	8
1								
2		Q						
3		.						
4								
5					K			
6								
7			Q					
8								

