

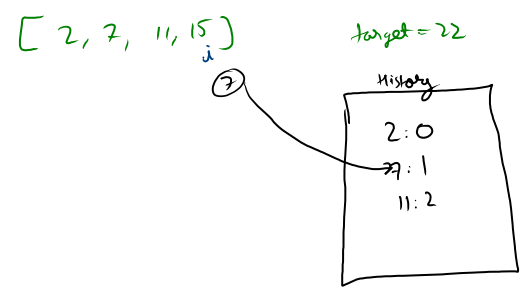
FSD
 Rohan
 ↳ Problem DSA
 ↳ Backend
 Swiggy

```
function printer(arr: number[], start: number, end: number): void {
  let s = "";
  for (let i = start; i <= end; i++) {
    s += arr[i] + " ";
  }
  console.log(s);
}

tabnine.test | explain | document | ask
function printAllSubarrays(arr: number[]): void {
  let n = arr.length;
  for (let i = 0; i < n; i++) {
    for (let j = i; j < n; j++) {
      printer(arr, i, j);
    }
  }
}

printAllSubarrays([10, 20, 30, 40])
```

$a+b=22$
 $b=22-a$
 $2+b=22$
 $b=22-2=20$
 $7+b=22$
 $b=15$
 $11+b=22$
 $b=11$



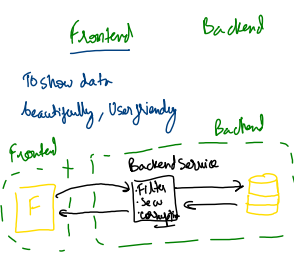
↳ Postman
 ↳ History → Ans
 ↳ Add my code

[0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 2, 2]
 while(i <= k) {
 arr[i] = 0
 swap(i, j)
 arr[i] = 1
 i++
 arr[i] = 2
 swap(i, k)
 k--
 }

$i > k$ X

[Dutch national flag]
 [0, 0, 1, 1, 0, 1, 1, 0, 0]
 [0, 0, 0, 1, 1, 1, 1, 1, 0, 0]

if(arr[i] == 0) swap(i, j) i++ j++
 else if(arr[i] == 1) i++



Frontend
 ↳ HTML/CSS
 ↳ JavaScript
 ↳ React.js (Next.js)
 ↳ Node.js
 ↳ Functional Comp.
 ↳ Redux

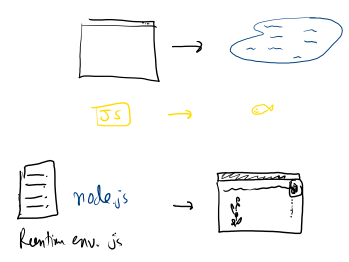
Backend
 ↳ JS → Node.js
 ↳ MongoDB/SQL/PostgreSQL
 ↳ Express.js

MERN

mern stack dev / full stack

Array → [10, 20, 30, 40, 50, 60, 70, 80]
 ↳ Subset
 ↳ Subsequence
 ↳ Subarray

[60, 70, 80] X
 [60, 70, 10] X



All the subarray
 [10] [20] [30] [40]
 [10, 20] [20, 30] [30, 40]
 [10, 20, 30] [20, 30, 40]
 [10, 20, 30, 40]

$4 + 3 + 2 + 1 = 10$

$\frac{n(n+1)}{2}$

[10, 20, 30, 40]
 10 20 30 40

All the subarray
 [10, 20, 30] = $2^3 = 8$

2^n