↳ what is DSA & Types
↳ Space & Time complexity
↳ Arrays & strings

**Pattern Matching**

↳ String/Input
↳ Defining the Pattern
↳ Search, Match, extract

↳ "I study in — . I am 20 years old"

↳ Finger Print Matching
↳ ridges ends matching
↳ Bifurcation.

↳ "abcdefg" ] text
① Is 'p' is present in string
② Does 'abc-d' pattern string ('ab-d' pattern string)
③ Is it a numeric string?
④ Is it a non-numeric string?

↳ ① Text ( string & number)
② Pattern (sequence of characters, number, alphabets, special, numeric symbol.
③ write the code from scratch
④ Regex [ Regular Expression]
↳ Corner Topic.

**Naive Algo**

↳ ① Pattern → "abcd" ] pattern
② Text → "..... e h match def"

"def" ✗

for ( i=0 ; i< m-n ; i++ )  {
    for ( j=0; j< pattern; j++) {
        if ( pattern[j] == string[i+j] ) {
    }
}

i=0  st[0]=a
i=0
j=0  st[0]=b'

b == b

i=2      m= 20
j= 0     m= 5
         m-n= 15

A b = C
—
2

a.  a