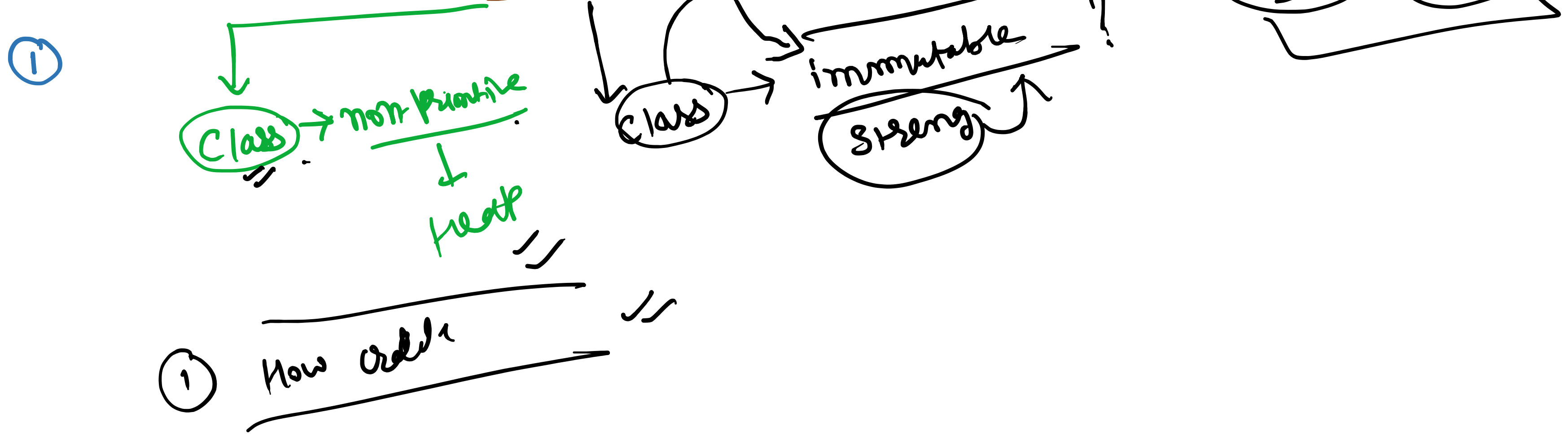
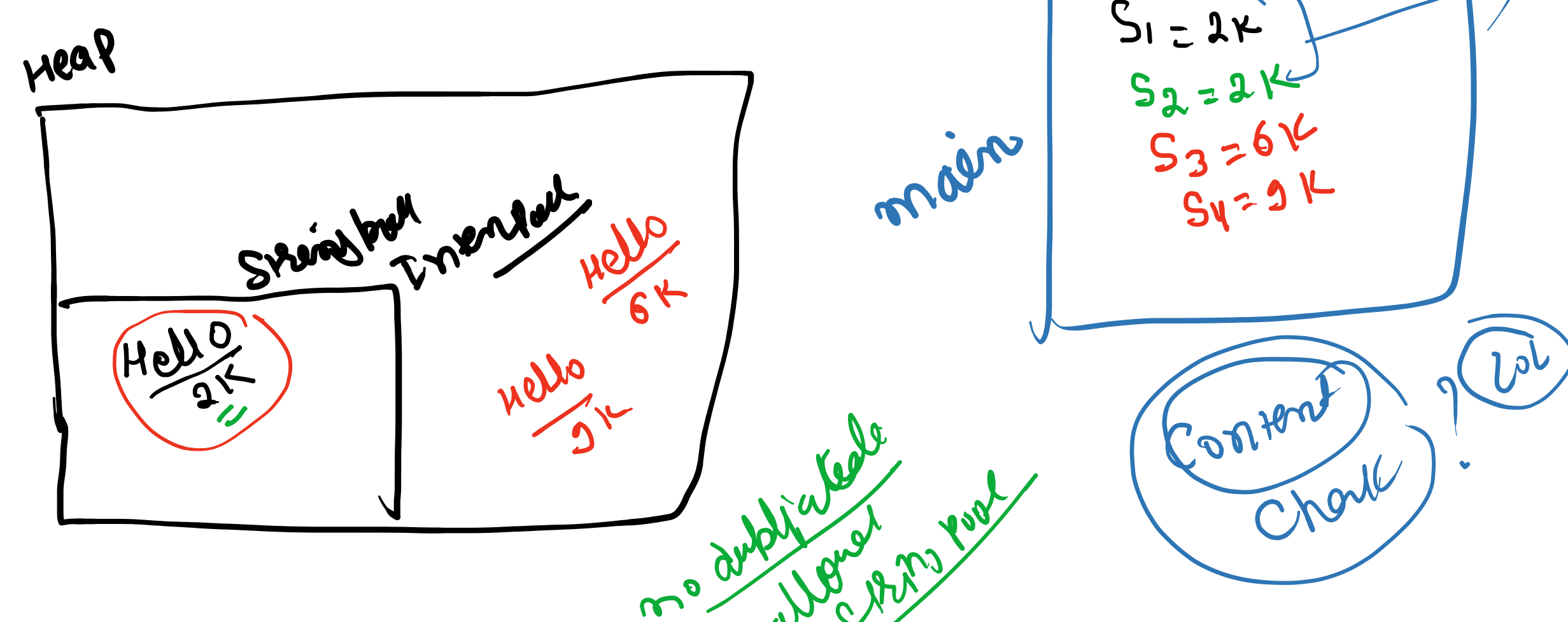


## Spring



① How order

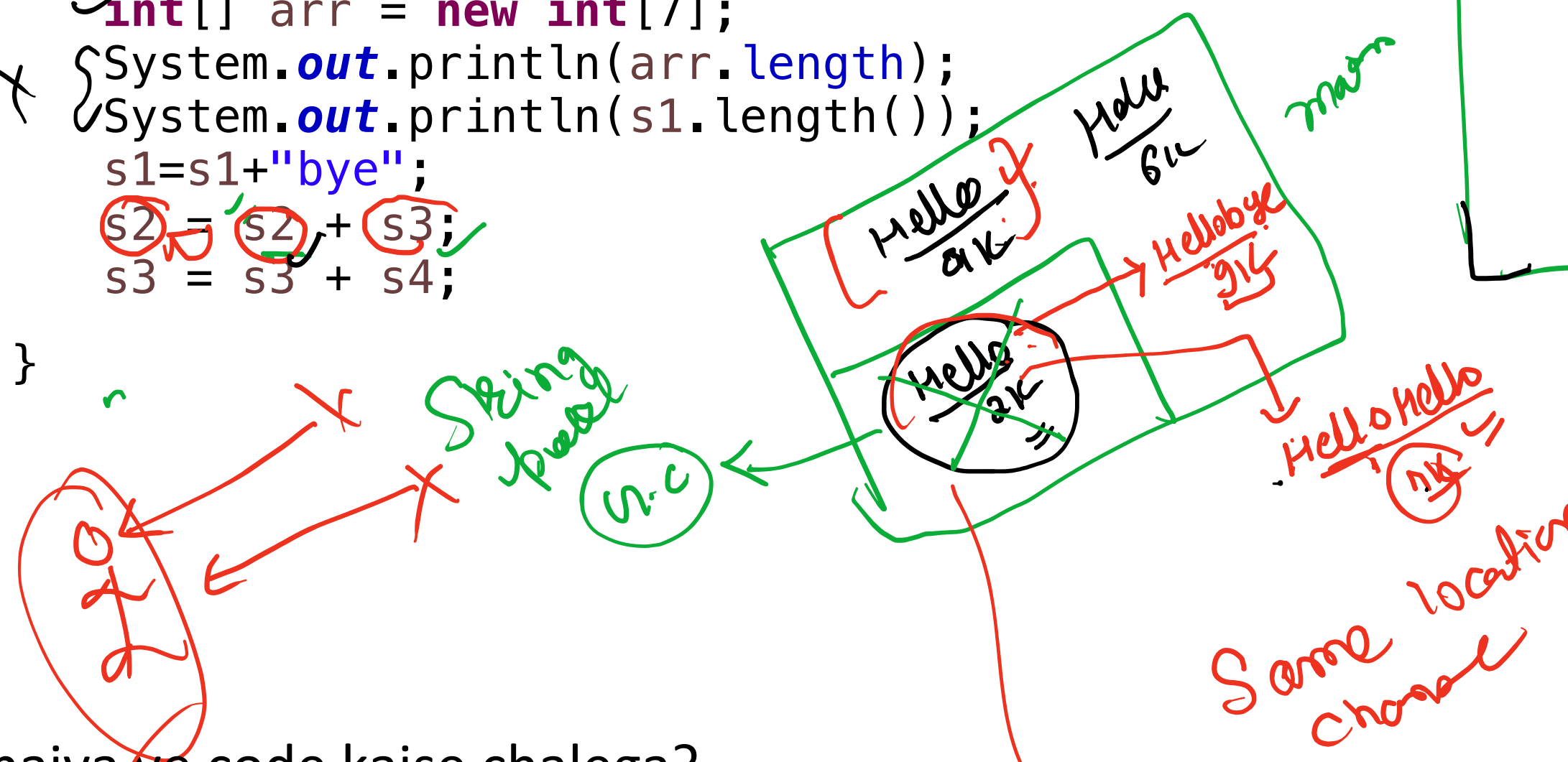
```
public static void main(String[] args) {  
    // TODO Auto-generated method stub  
    String s1 = "Hello";  
    String s2 = "Hello";  
    String s3 = new String("Hello");  
    String s4 = new String("Hello");  
}
```



no duplicate  
all nodes  
in the pool

Content ? Vol

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    ① String s1 = "Hello"; Pool
    String s2 = "Hello";
    ✓ String s3 = new String("Hello");
    String s4 = new String("Hello");
    System.out.println(s1);
    System.out.println(s2);
    System.out.println(s3);
    System.out.println(s4);
    ✓ System.out.println(s1 == s2); // ad
    System.out.println(s3 == s4); // ad
    ✓ System.out.println(s3 == s1); // ad
    ✓ int[] arr = new int[7];
    ✓ { System.out.println(arr.length);
        System.out.println(s1.length());
        s1=s1+"bye";
        s2 = s2 + s3;
        s3 = s3 + s4;
    }
}
```



Some locations  
change

bhaiya ye code kaise chalega?

```
String h1 = "hello";  
String h2 = h1 + new String(" bye");  
syso(h2);
```

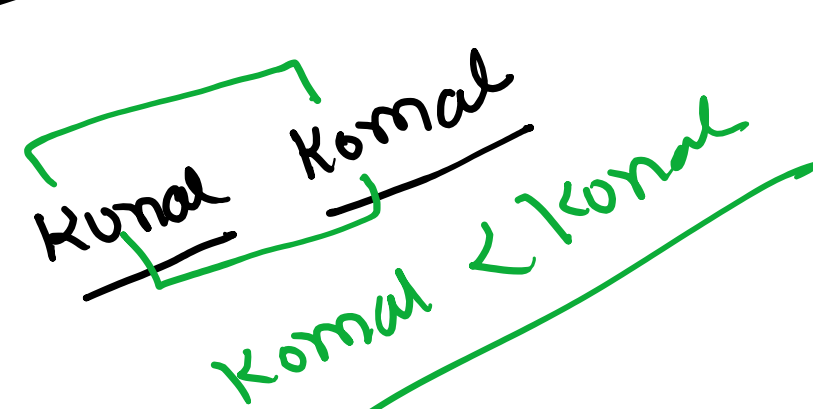
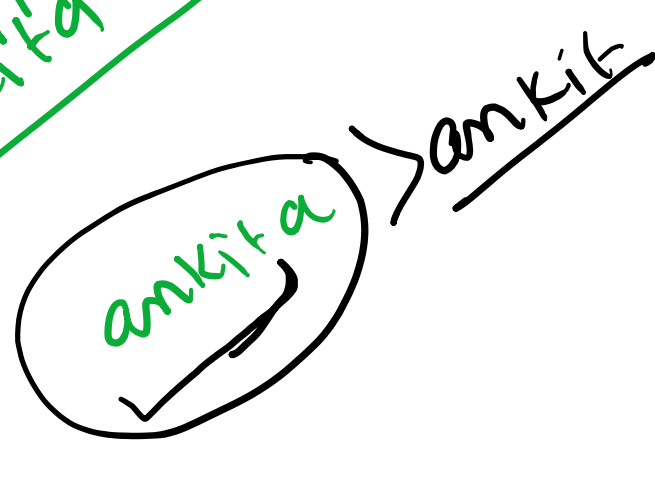
String immutable

hello

8 X  
b u

Lexicographus

dictionary


$$\frac{\rho_{air} V}{\rho_{rod} A}$$

nitin

naar

Handwritten text: naman

n | i | j

$i = 0, j = s.length - 1$

while ( $i < j$ ) {

if CS.contains(j) {

rec part

return

} else {

return

}

n | i | j

$\begin{matrix} 1 & 0 & 1 & 1 \\ 0 & -1 & & \\ 0 & -2 & & \\ \hline 0 & -3 & & \end{matrix}$

$\begin{matrix} 1 & 2 & 3 & 4 & 5 \\ \text{Coding} & = & 6 \end{matrix}$   
 1-2 o      2-3 d  
 1-3 od      2-4 di  
 1-4 odi      2-5 din  
 1-5 odin      2-6 ding  
 1-6 oding

$3-4i$        $4-5i$        $8-6i$   
 $3-5in$        $u-6n$        $ng$   
 $3-6mg$

$for C_i = 0 \quad i \leq 8 \quad i++$   
 $for C_j = i+1 \quad j \leq 8 \quad j++$

$\text{vec}(\mathbf{A}) = \begin{bmatrix} A_{11} \\ A_{21} \\ A_{31} \\ A_{12} \\ A_{22} \\ A_{32} \\ A_{13} \\ A_{23} \\ A_{33} \end{bmatrix}$

per Alvaro

Handwritten signature: *Handwritten signature*

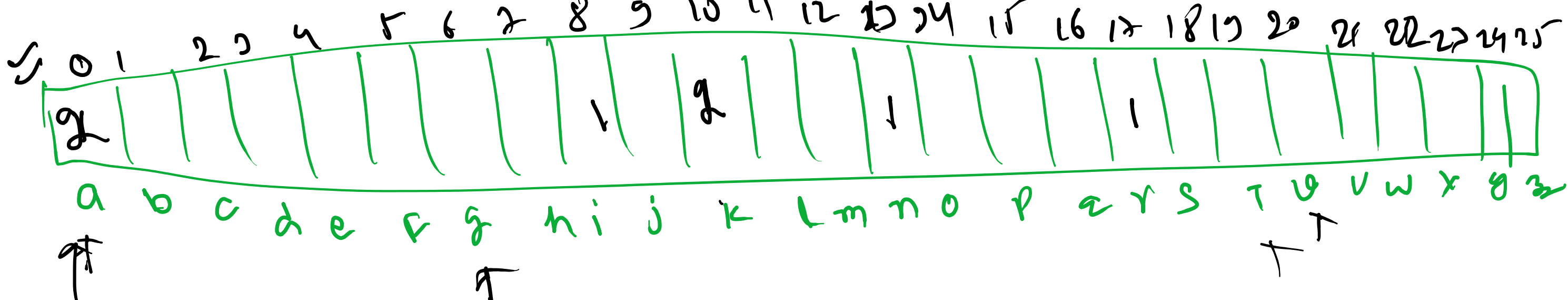
~~gator~~

65

Karnika

$ch - |a| = i\pi x$

$b' + i\pi x$   $ch'$



```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    String s = "gautam";
    int[] freq = new int[26];
    for (int i = 0; i < s.length(); i++) {
        int idx = (s.charAt(i) - 'a');
        freq[idx]++; // freq[idx] = freq[idx] + 1;
    }
    for (int i = 0; i < freq.length; i++) {
        if (freq[i] != 0) {
            char ch = (char) ('a' + i);
            System.out.println(ch + " " + freq[i]);
        }
    }
}
```

one = 4387

currentcount=0

longest length

5 ações  
(13<sup>o</sup>) w 82 seminários

*PBAe i pmBK LPRag iou kmag aaaaa*

$\downarrow \downarrow \downarrow$

$C = 917876543210$

(7)

```
for (i = 0; i < str1.length; i++) {
    char ch = str1.charAt(i);
    if (ch == 'e') {
        count++;
    }
}
// ans = max count of 'e' in str1
```

$\frac{\$}{\text{discount}}$   
 $\frac{0}{\text{and curcount}}$   
 S1  
 S2