Staings Les sequence of characters Non Perimitive Is denoted by "_" " Newton School" Only characters // Stering s="Hello Woorld"; Momosy Heap Hey How are you sch = new Scanneal); Storing SI = sch. next () 1/3 Hey" Slowing S2 = Sch. next Line() 11" How are you"

Syso (31); 11 Hey Syso (S2); 11 How we you Accessing

0, 1/2 3

8 [a] 6 [ed d] a[2] = 'e' char d = a[0]; // a S= "Hey" chaer val = S. chaer At (0) 1/ H Syso (val) 11 H char val $2 = s \cdot char At(2)$; syso (val 2); // y

Substaina (s Part of given string s= "Hey s. substring (i, 1) Stevent

15. Substring (0,2) // He

(0,1) // H (0,4) // Hay-(2,6) (1 y He (3,8) 11 _ Hell (0,9) // Key Hello (0,0) 11 "1" Empty Stains c. substing (1) l'ey Hello > Startindex

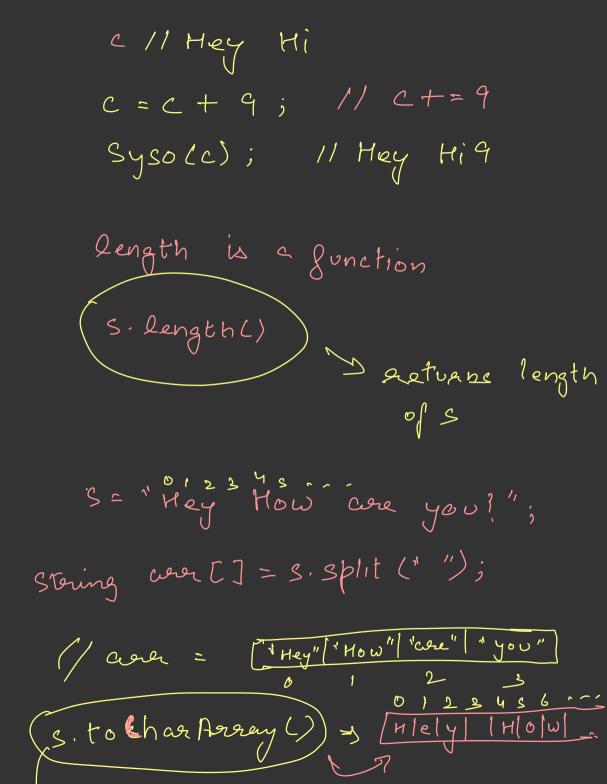
> Start index

Storing a = "Mey";

Storing b = "Hi";

Storing c = a + " " + b;

Sysolc) // Hey Hi



String a = "Hey"; Intern pool Storing b = "Hey"; Storing C=new String ("Hey" Heup What? space optimise To Implication (1) Companision a) a(==)6 // one check the address a == c // Palse b) equals - girst compare on address his compare character by character a. equals(b) // true a. equals(c) // true

-> Always use equals 1) Immutability Les strings are immutable la areference is mutable instance is not Storing a = "Hey" Storing b = Hey" a . s et Chara Atli) X a = bye"; S= S+ 'a'; s is a stemp

Dues Paint all substaines

S = "Hey"

Hey

Hey

He (0,2)

Hey (0 3)

Short = 0 -> Dength -1

start =0 -> length-1 end >> start+1 -> length

Que check pelinderone

121 121 for (int gap = D; gap < arr.length; gapt+)

for (int i=0, i=gap; i < arr.length; i+t, i+t)

E syso (arr [i][j];

3

_2