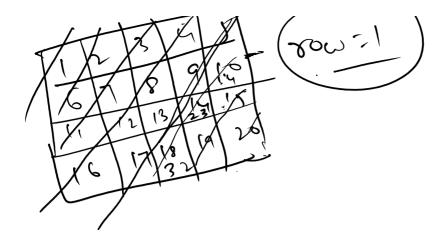
12 December 2024 20:05 1,2,4,3,5,7,6,8,9 0 to 2. = 3400 -0+0, col you > 0 to col for (int j=0; j<col; j++) {

Left=0, int colver=j While (1eft<-(alvar) 3 S.O.Plars[Teft][calvar leftff, calvar - - 1 YOU?



12 December 2024 20:21

String: - It is collection of characters

we represent string by double goutes.

'a', 'b', 'c', 'd', 'e', 'f', 'h', 'i',

These are characters

"Jaykumar" -> 'J', 'a', 'Y', 'K', 'v', 'm', 'a', 's'

Properties: -ii) String is an object

(11) Strings are immutable that means it can not be modified.

String name = "Izhaz"; hame = "Izhaz" + "haider",

This won't give any syntam ever, but internally it creates a new object after modification.

To compare two strings:

(i.) Using equals() method.

String name: "Jay";

String name2: "Jay";

name. equals (name 2) -> this will return force Reason: equals method only compares the Value Stored in String object.

(ii) Using (==)

String name 1: "Jay";

string name 2= "Jay";

name! == name? > it will return false It compares both > value as well as object name! == "Jay" > true

Change String to Char

M2 DAY16 STRING-1 Pag

Change string to Char Stoing name = "Jay"; name.charAt(0) >This will retwen J'as a character. (i) charAt (index) -> It will return the character present at the index (ii) Length of String > length() This method will give length of storing Point all character of stoing Stoing name: "Jay"; for (inti:o; ix name.length(); (it) { s.o.pin(name.charAt(i)); (iii) to char Array() > Using this method we can convert string to char array Chaz chij: name-tochaz Array (); (iv.) to Opper (ase() > convert all characters of string to upper case String name: "Jay", S. O. Pin(name. to Up per (ose()); Output > JAY (V-) to Lower Case() -> convert all charactery of string to lower case String name: 'Jay"; S.o. p(name. to Lower Case()); Output : - jay Question,-1. Point all characters of string

2. Cheek if two strings are equal or

3. Print index of vowel characters 4. Count words in a sentence. trim(): - It removes starting and ending spaces.

String name: 'Jay '; S.o.p/n (name.trim())

Output > Jay

split(): - It breaks the string into array of strings, parameter of this function is delimiter. String intoo = "My hame is Jay kumar"; Stoing stold = intro. split(" ");
// Stold = ["My", "name", "is", "Jay", "Kumar"]; Jos (int i:o; i<sto-length; i++) ?

S-o-pln (stoti);

3

String sentence: "All/is/well", String stold = sentence. Split ("/"); [2 "All", "is", "well"

Sp(it() > Time Complexity > O(n) 1> length of string

When we use split Split ("") > It means single space. -11:LIU() < + 1) > It will divide the

Split("\\S+") > It will divide the string irrespective of no. of spaces.