

$$\begin{array}{c|cc}
 & 1 & 4 \leftarrow b \\
 & 2 & 7 \leftarrow 8 \leftarrow 9 \\
 & & 0 \quad 1 \quad 2
 \end{array}
 \quad
 \begin{array}{c|cc}
 & 1 & 2 \leftarrow 5 \leftarrow 8 \\
 & 2 & 3 \leftarrow 6 \leftarrow 9 \\
 & & 0 \quad 1 \quad 2
 \end{array}$$

mat  $\left[ \begin{smallmatrix} i & j \\ 0 & 2 \end{smallmatrix} \right] \xrightarrow{\gamma \leftarrow c} = \text{trans} \left[ \begin{smallmatrix} i & j \\ 2 & 0 \end{smallmatrix} \right]$

$\text{trans} \left[ \begin{smallmatrix} j & i \\ 0 & 1 \end{smallmatrix} \right] = \text{mat} \left[ \begin{smallmatrix} i & j \\ 1 & 0 \end{smallmatrix} \right]$

Strings  $\Rightarrow$  It is a collection of characters;  
 It can contain :

- (2) Numbers
- (3) Special Characters
- (4) Whitespace

Kushaal or P

- $\equiv \frac{d}{dt} \ln \sigma_0(t) = \frac{1}{\sigma_0^2} \frac{d\sigma_0^2}{dt}$  (end of Stein)  $\rightarrow$

Kishan

while ( $s_1[i] \neq '\backslash 0'$ )  
    {  $s_2[j] = s_1[i]$   
         $i++$   
    }  
     $s_2[j] = '\backslash 0'$

stop ( $s_1, s_2$ )

[flag = 1]      MALAYA  
 0 1 2 3 4 5 6 7 8  
 i i i i i  
 0-1-0

(len = 9)      = 9  
 = 4

for (i=0; i < length/2; i++) {  
 if (str[i] != str[length-1-i]) {  
 flag = 0;  
 break;  
 }

P  
 NP  
 if i > P == 0  
 P

ASCII  
 $+ 32$   
 $- 32$ )

(3) Convert it to either complete uppercase or lowercase:  
You know what to do!

to upper  
to lower  
← type.h

Homework: →

① Compare two strings  $s_1$   $kush$   $s_2$   $krishna$

SL  
SV  
 $i =$   
k wr  
S ml  
f eq =  
b r eek

Count no  
of words in  
a string

11

Kushal from

eq = ! eq kwa)

Batch

Two

4 words

if  $st[i] == ' '$   
words + 1