

Problems on strings

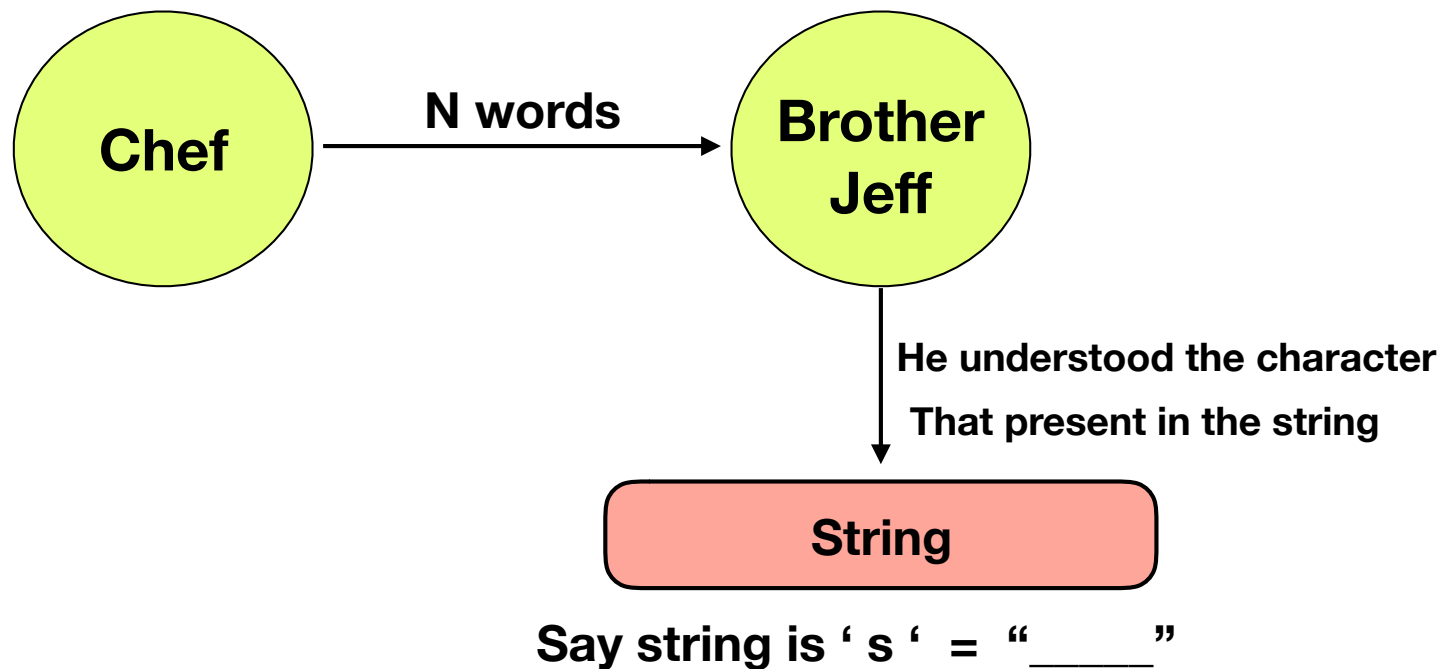
Studying Alphabet

Code chef

By Prince Agarwal
[“ Hello World ”]

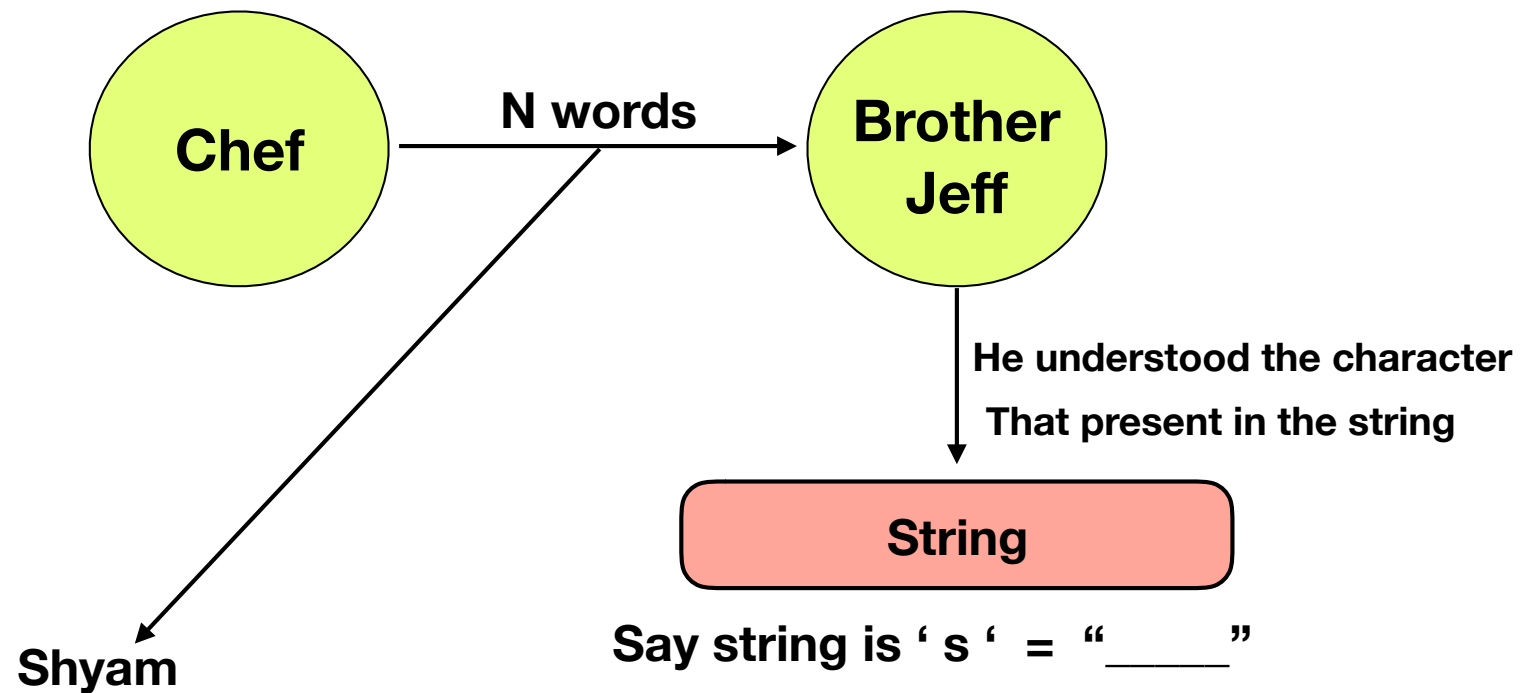
Good or Bad Person

Problem Code : GOODBAD



Good or Bad Person

Problem Code : GOODBAD



ASCII Code

```
graph TD; A[ASCII Code] --> B[For small alphabet ( a - z )]; B --> C[97 - 122]; C --> D[There are total of 26 characters in the alphabets.]; D --> E[Make Array to store this 26 character]; E --> F[\"int a[ 26 ] = {0};\"];
```

For small alphabet (a - z)

97 - 122

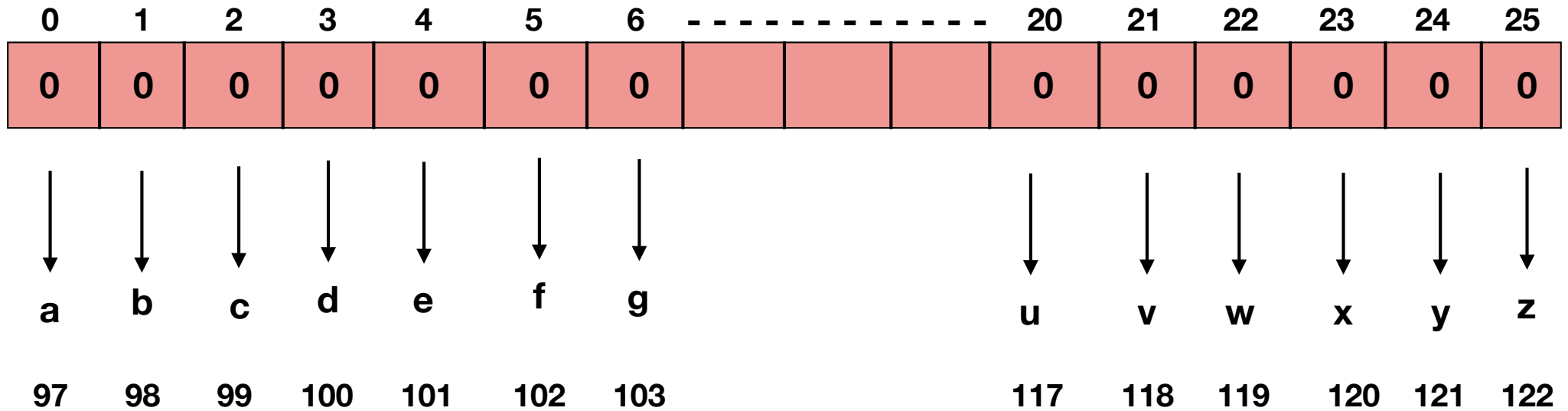
There are total of 26 characters in the alphabets.

Make Array to store this 26 character

```
int a[ 26 ] = {0};
```

`int a[26] = { 0 } ;`

String s = " _____ "



`Index = index + 97;`

Value = 0 -> represent, string doesn't contain this character

Value = 1 -> represent, string contain this character

ASCII CODE

a -> 97

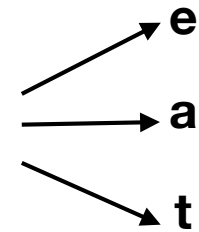
b -> 98

c -> 99

⋮

z -> 122

For example string s = "eat"



We made a loop

1st character

e

101

- 97

4

2nd character

a

97

- 97

0

3rd character

t

116

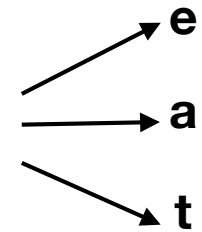
- 97

19

ASCII

0	1	2	3	4	5	6	- - - - -	19	20	21	22	23	24	25
1	0	0	0	1	0	0		1	0	0	0	0	0	0

For example string s = "eat"



If I take the word. W = eats

Is he able to read ?

ASCII

e
101
- 97

4 → int a[4]



0	1	2	3	4	5	6	- - - - -	19	20	21	22	23	24	25
1	0	0	0	1	0	0		1	0	0	0	0	0	0

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