

Today's agenda
Today's agenda by Char and Strong by ASCII by Problems
1- 000-
D ASCII
La Problems
TAN AIGURIED



Ch	asa	CA	41
----	-----	----	----

a) Alphabet

6 lovercase (a.z)

b ullercose (A-2)

b) special Character

4@ # 1, ? , 1, etc.

c) Number

bo, 1, 2, ... 9

Syntam: type nome
(s char ch = 'A';

computer knows

only binary

inty: 10;

decimel - binary ? ?

Character & Aredefined Integer
Asczi



ASCIT + 256 chas

• 📣	5-	3.
. 1		
char		
- Las	ch =	3

'A' = 65	'a' : 97	'o' = 48
'B' : 66	'à' ÷ 98	'j' : 49
'c' = 67	'c' = 9g	2' = 50
•	1	'3' = 51
	(· ·
		(
1	1	/
'2' : 30	'2': 123	9 2 57
	MIGUI	



et Char Rules
4 1. you can do mathematical operation on char,
answer will be integer.
en: $(A' + B') \rightarrow 131$
en: 'A' +'B' -) 131
Typecasi (but Integer and character)
4 char to int: implicit
int n: c';
S.o.p (m) -> 93
b int to char: Complicated lengthicit? Spen cases
Spen Cales enplicit
Charch: (char) 65; aways do
emplicit



Ruiz 1:

Qui22:

n = n+2;

Quiz 2:

Qui2 4:



Qui25:

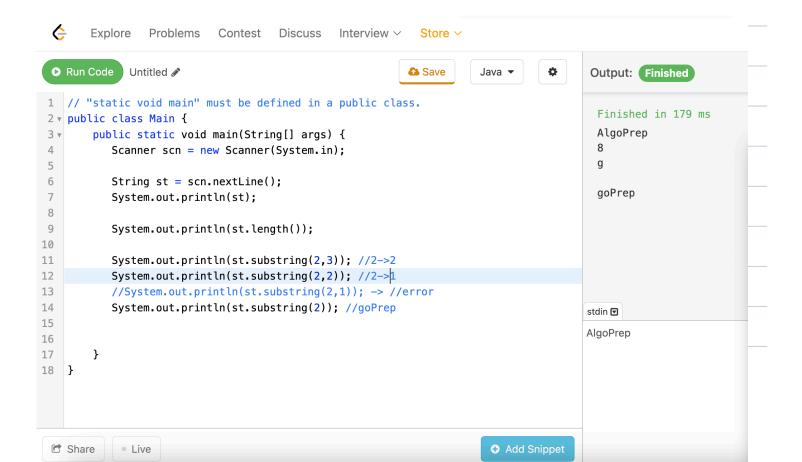
aui 2 6:



11 Stoings 4 Collection of Characters ein () am (1,2,3 } Syntan: style name 4 Stoing St = "Algo Prep" +2 b 5.0.p (st. chand*(6)); → • 4 St. charAt(6) = 'z' → enos 4 In Stoing, you can never change a character. latters directly? Mideal Step!: Convert the Stoing into char?] - Synton?? Char [] S: 4 4 , 0', 'g', 'o', _ , 'p', 's', 'e', p) La S[6]: 2'; SteP3: convert array back to String - Synton ??



```
Continuous Part
               6 "Al" V
                'A" <
               4 "ALO" XX
  Break AU 10:40 Pm
```





a) Toggle Characters biliven a chariff which contains only small and Calital letters, toggle them. er: AlGoPreP + algoprep 4 uppercase to lovercare: +32 by lowercase to uppercase: -32



119suedo code

	void loggle (chartsch) { int n: ch.length;
without using	
space.	for Cint 1:0; le Ch-length ; it+)?
r.c. o(n)	if (chei) >= 'A' 21 chei] <: 'z
:.c: o(1)	if (chti) >= 'A' \$1 chti] <: 'z chti] = (da)chti] + 32;
	Chris = (das)chlis - 32;
	3
	3



	en: algoprep -> perpogla
	Stoing reversesting (Stoing St)
	Char [] ch: St. to CharArray ();
: 0(N) C: 0(N)	int sp=0; int ep: ch.length-1; while (sp < ep) {
	Chay temp= ch[sp]; ChEse] = ch [ep];
	sett; ep;
	geturn "". value Of (ch);

Internal working



char[] aroz: ['n', '8', 2'] char[] aroz: ['n', '8', 'c']	Stoing St1: "ABC"; Stoing St2: "ABC";
Heap	Heal
113 E. C.	ABC #661
0xx) 2 x 63	2+2->=-KT
Should Over 1 Co]: '2';	Stolle
S.o.p (0012[0]);	S+1. charas(o) = '2' S·o·b (S+2. charas(o)); > 2

6 stoings ave

		Heal
Stoing St1= "ABC"; , o(1)		and a
Stoing St1= "ABC"; John) Stoing St2 = St1 + "D"; > valid		ABC
String St: "Hello"; int n: Striengkel;		
low lint izo; is n; itt) 4		Agc D
St = 84 + "e" + 20(m)	512 +242	4.42
	Stan regi	

6 TC: 0(2)



Total Solving Stace Pooblets
Total Solving Stace Boblen
China hall to it Alla
Stoing must be immutable
String that will create a new String with Changes Which Consumes a feet space?
String that will create a new String
with Changes Which Consumes a
Rot Space ?
- 70 add that to String we we stringbuilder.