Revision.

↳ ★ Type casting.

(char) (int val.)

(Auto ⇒ java)

char → int

(Manual ⇒ user)

int → char.

char ch = 'A'

65+3

ch = ch + 3

+ − → char

+ − ASCII value. int.

ch = 68

ch = (char) (68)

n

Character.isLowerCase(ch)

Character.isUpperCase(ch)

lower → Upper.

Small Capital or Digit

Problem | Submissions | Leaderboard

Take in a character as an input and then

a. Print **Small case** if it is a small case character.

b. Print **Capital case** if it is a capital case character.

c. Print **Digit** if it is a digit.

d. Print **None** if none of the above conditions follow.

'a' 'f' 'x'

'A' 'B' 'D'

'4' '7'

@ _

?

Add if a digit

Problem | Submissions | Leaderboard | Discussions

Take in a character as an input from the user

a. If the entered character is a **digit**, then add **100** to the value of the digit entered and print the final answer.

Convert the digit which is added as a character data-type into the integer data-type using two ways,

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First: By using [Use the in-built function Character.getNumericValue]
Second using: By manipulating the digit character data-type into the integer data-type.
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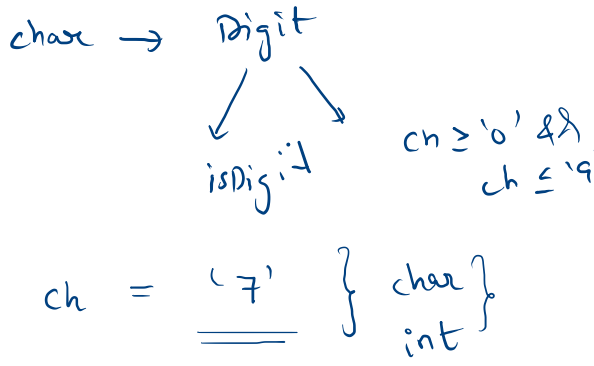
b. Else print **This is not a digit**



Print character at 3rd index

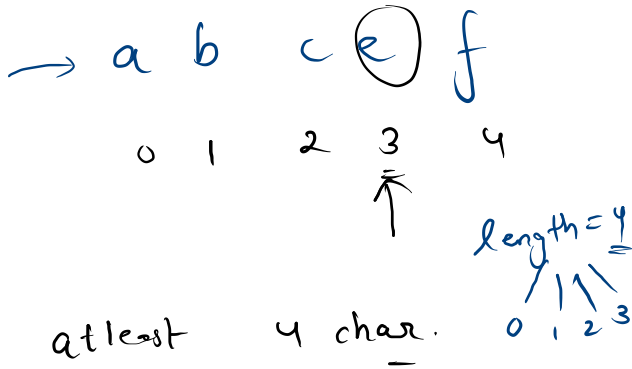
Problem | Submissions | Leaderboard | Discussions

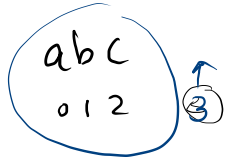
You will be given a string as an input, and

a. If the length of the string is greater than or equal to **4**, then print the character at **3rd index**.

b. Otherwise, print **Small string**

Eg. If the input string is **abcdef**, then print **d**.





Small String.

Toggle the character

Problem | Submissions | Leaderboard | Discussions

Take in a character as an input from the user

a. If the entered character is a **small-case** character, the convert it into the corresponding **uppercase** character and print it.

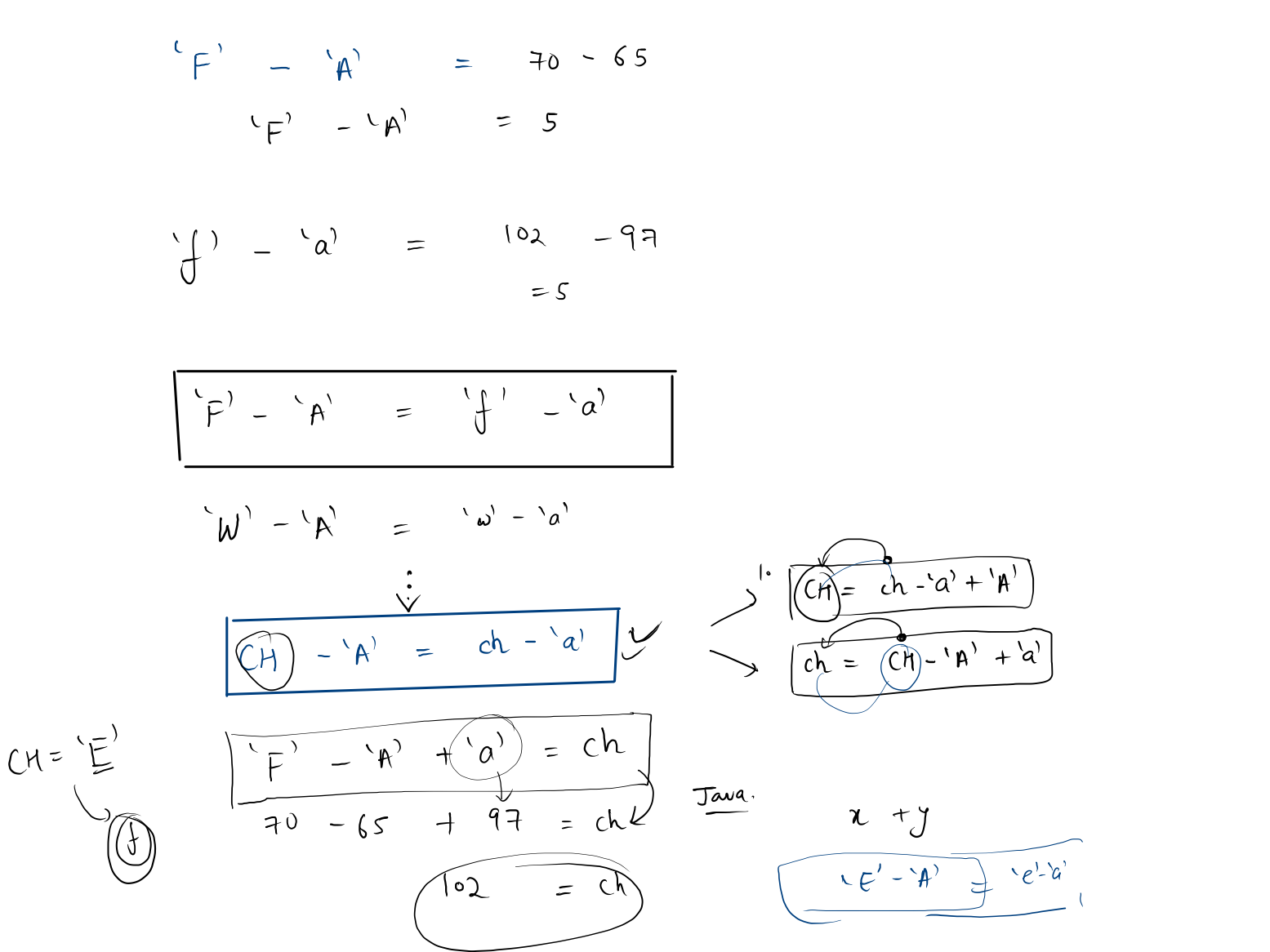
b. If the entered character is an **upper-case** character, the convert it into the corresponding **lowercase** character and print it.

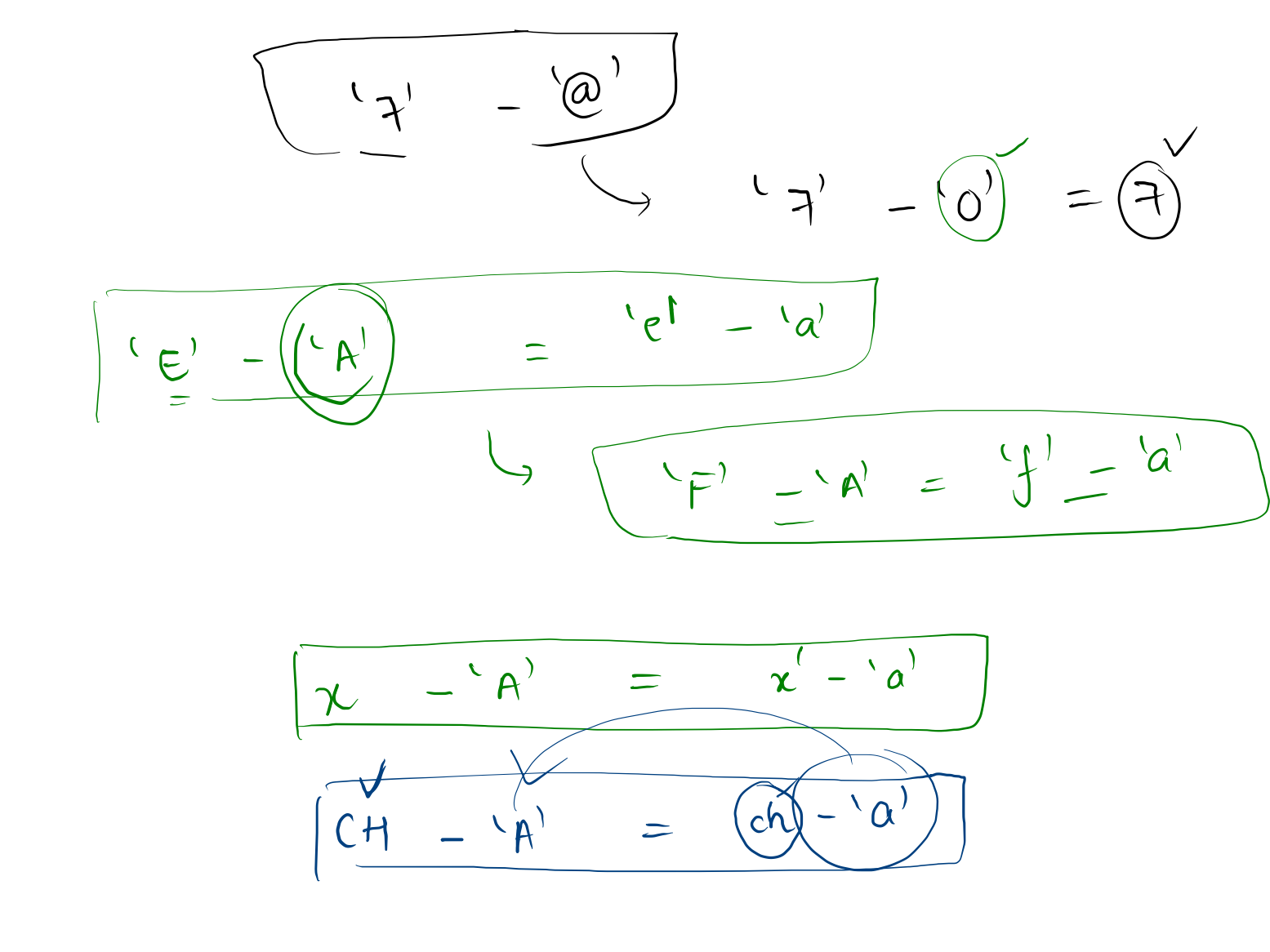
ch } i/p

f → F

G → g

?


'F' - 'A' = 70 - 65
'F' - 'A' = 5
'f' - 'a' = 102 - 97
= 5
'F' - 'A' = 'f' - 'a'
'W' - 'A' = 'w' - 'a'
CH - 'A' = ch - 'a'
1.
CH = ch - 'a' + 'A'
ch = CH - 'A' + 'a'
'F' - 'A' + 'a' = ch
70 - 65 + 97 = ch
102 = ch
CH = 'E'
f
Java.
x + y
'E' - 'A' = 'e' - 'a'


'7' - '@'
'7' - '0' = 7
'E' - 'A' = 'e' - 'a'
'F' - 'A' = 'f' - 'a'
x - 'A' = x' - 'a'
CH - 'A' = ch - 'a'