

plaintext alphabet

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

↓
encipher

↑
decipher

F G H I J K L M N O P Q R S T U V W X Y Z A B C D E

ciphertext alphabet

`https://github.com/jonahb/nano-extra`

git repo

`05-algorithms/cipher.html`

filename

`encipher(), decipher()`

functions to implement

Adam	Bea	Chas	Jo	Mimi	Shah	Tala	Val	Zeke
0	1	2	3	4	5	6	7	8

What position is Tala in?

Adam	Bea	Chas	Jo	Mimi	Shah	Tala	Val	Zeke
------	-----	------	----	------	------	------	-----	------

0

1

2

3

4

5

6

7

8



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



linear search

`https://github.com/jonahb/nano-extra`

git repo

`05-algorithms/linear_search.html`

filename

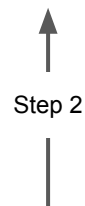
`linearSearch()`

function to implement

Adam	Bea	Chas	Jo	Mimi	Shah	Tala	Val	Zeke
0	1	2	3	4	5	6	7	8

What position is Tala in?

Adam	Bea	Chas	Jo	Mimi	Shah	Tala	Val	Zeke
0	1	2	3	4	5	6	7	8



binary search

<https://vimeo.com/36579366>

@16:45

`https://github.com/jonahb/nano-extra`

git repo

`05-algorithms/binary_search.html`

filename

`binarySearch()`

function to implement

LINEAR

vs.

binary

`https://github.com/jonahb/nano-extra`

git repo

`05-algorithms/benchmark.html`

filename