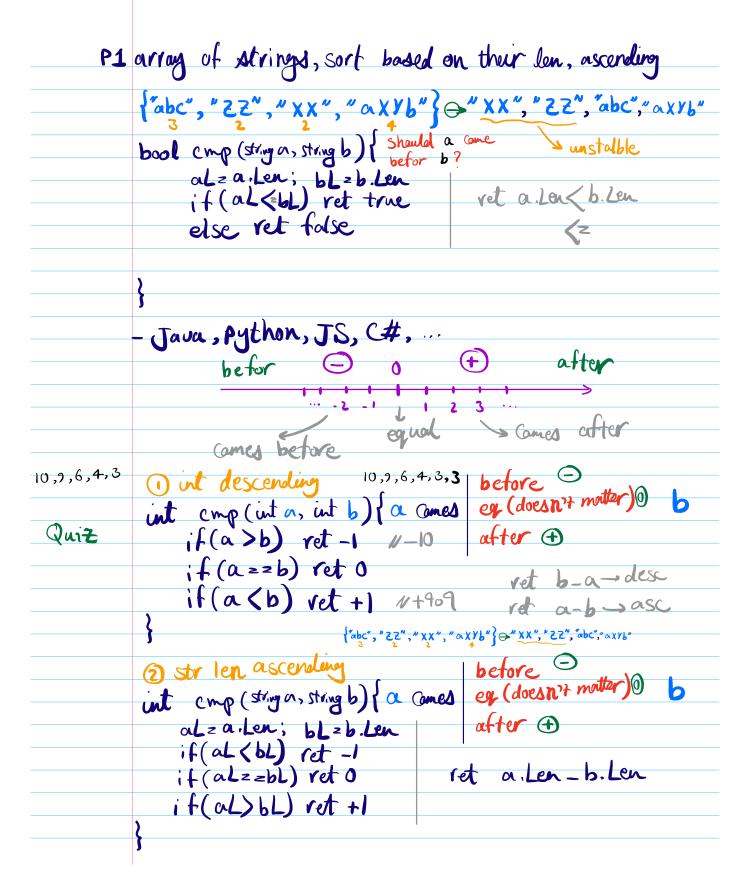
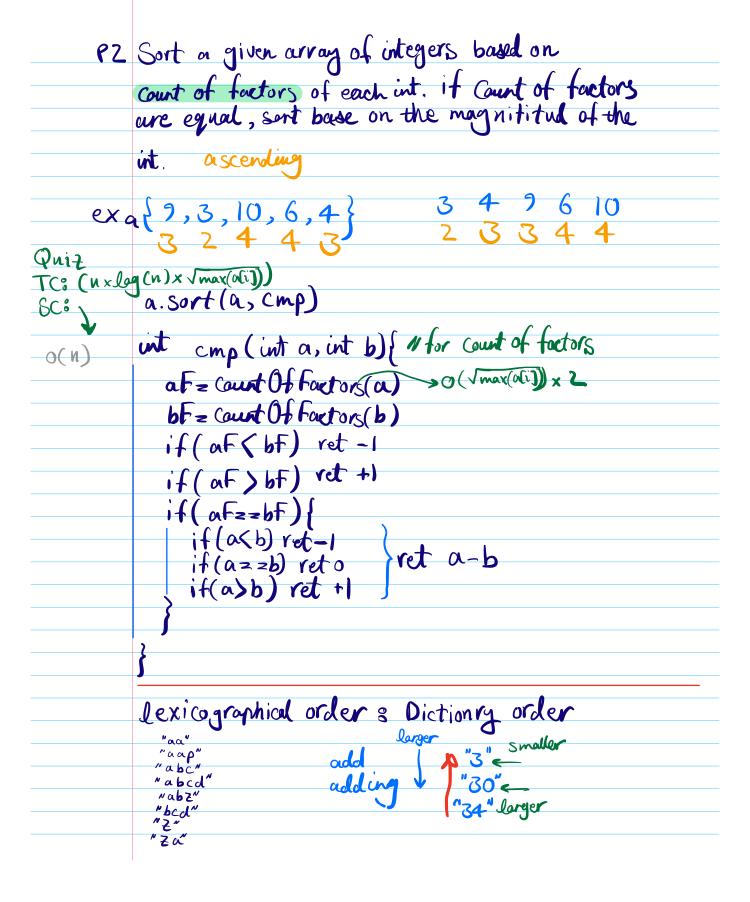


	Sort Algorithms I can sort however you want. you just tell me shetween two objects which one came first. > how
	int tall me shotween two objects which one came first - how
	Just (or the state of the second of the seco
	recap on merge sort & quick sort comparision
C++	int () a= new int[){9,3,10,6,4}
cmp 8 Style	Arrays. Sort (a, cmp) should a come bool cmp (ut a, ut b) { befor b?
<u> </u>	State h ?
	bool comp (int a, int b)
	if a comes before b return true
	otherwise return folse.
	10,9,6,4,3
	descending 8 larger element omes first before smoller
	had an a cent on cent by Should a come
	bool comp (int or, int b) { should a come befor b?
	if (a>b) ret true == ret a>b larger item com
	eise in take
	2) 2rd
	vet all ascending
	ascending
	y





0<= a[i]<= 2+109

	0/2 W/1 1/5 0	10	
<u>P</u> 3	Given an array a of integers,	arrange the	n such
	that they form the largest mu	mber autout	-> String
		¥	epresentation
	$\{2,3,4,0\}$ $\{320\}$	No. 4	gest number
		100	god namber
ex	{3,30,34,5,9} 4534330	①	202
	4534503	Wrong X	722
ex	$\{0,0,0\} \rightarrow "0"$	7.2	7 20
			30
	000→ M000M ← HW	<u>3</u> 30	
Quiz		330	303
TC3	string largest Num (int al])}	\	9 ,34
SC:	Arroy Sort (a, CMP)		
	Array. Sort (a, cmp) ans = a[o]. to String() for (i=1; i(a Len; i++){	34	19 934
	for (iz1; i(a len; i+)		
	, and += a (i). to strive	9199	9998
	ret and x has buy	int cup(a)	(do
		ret -string.(
	n logn x log(max(ai)) 2	a tostring)+	-b.toxring),
	10	b.tostring)+	a tostring)
	d12 16	$d_1 = \sqrt{17}$	16 17
	$P_{2}(x_{1},y_{1})$	12 (
Enclidean distances	(x,y,) d, P? (x1,y1)	(912-91)2+(92-	3,)2
_distance		sqrt(···)	
	X		
	I		

Answer will be unique (Y,X) Given a list of points on 2D plane, find the B closest point to the origin. input format B>=1 X ex ACI][0] ALI 3[2 A[1] -> 1 -30 -100 -35 +99 +72 > ans are on nore than 4 13 Answer will be uniqu Bx2 b Closest (int [][] A, int B) Quiz int[][] TC: nlagn Arrays.sort (As cmp) ans = new int[B][2] the first B row from the sorted our depends on Pair Sort default asc from (0,0)

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
no of digits of int n - lag n
(0 ()