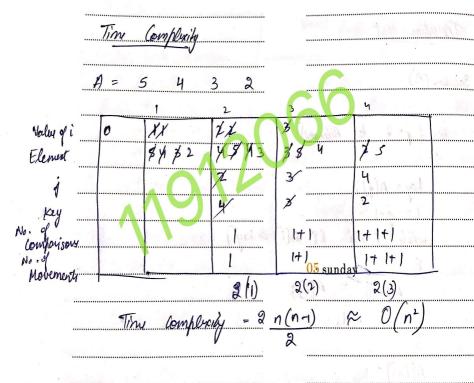
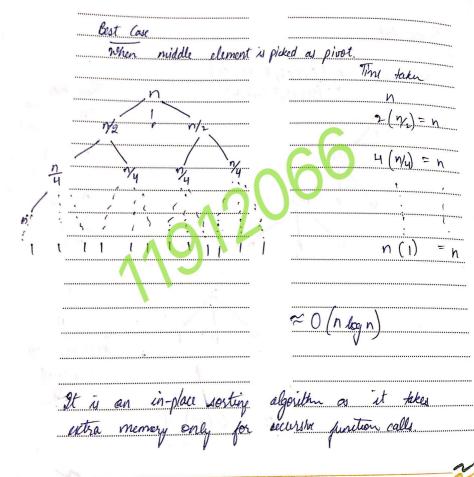
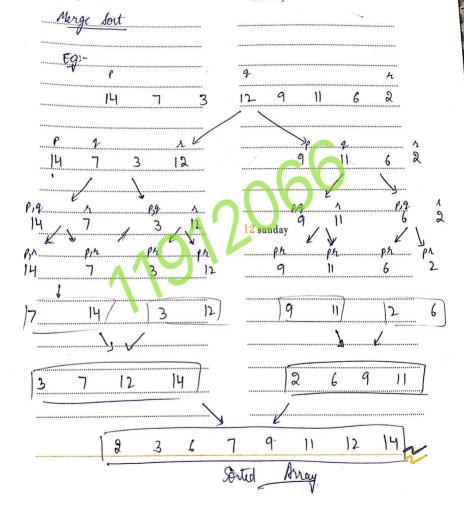
Topertion Sort	
Injection (A)	
5	
for $(j=2 +0 A[larght])$	
ξ κου = Α(i);	
key = A(j); $i = j-1;$	
while (i >0 fg Ali] > key]
A(i+) = A[i];	11.8
$(a \mid i = i - i; (a \mid a))$	War Charles and the same
3	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A[i+i] = key;	
3	



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Wout Case Eg (0,2,5, (50,20,8	8, 20, 50) Tim faka
n	n
0 0 0-1	n~1
0 P N-2	N-2
P	N-3 n-3
	2, 2
· 2 (AAA) *	0
V	ο ρ Ι @t 2 t 3 t -·
	= n(n+1)
A A A A A A A A A A A A A A A A A A A	2
	$\simeq O(n^2) $





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Ř	1-(n) = <i>/</i>	2 T(r/1) +	(n)	. (4)
••••••	······································	-			4 / 20
	G	k	O (n leg n)	A A	*
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<u>)</u>	In aver			ith n	nerge	sort	and g	ruch s	ut one
	0(N log n)						
>	Alagn w	out a	ule .						
			Merge	sort	- C	(n lo	7n)		
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		en	un v			<u> </u>	spa	7	
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