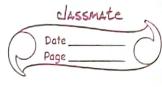


	TUTORIAL-3
01	hbeite livea seach foundacade to seach an element in a sorted social with min-
	an almost in a gooded again with min-
	Com Province
	THE THE CONTRACT OF
Aros	Void liverer Secret Cint A (7) int mo int Bour)
/ (/9)/	
	$\int \int \partial u du d$
	for(art i=0; (=n; (++)
	if (A (i) = = Koy)?
	Glag = 1;
	Decak;
	if (A (i) = = Koy)? Shook; 3 3
	if (flag = =0) Lout <= "Not found";
	Nout E / Not gound)
	Cout = "Bound";
_	
02	Write Soundarode for iterative algorithm
	Ros Cear in Stocative for (i=1 to n-1)
	$\mathcal{L} = A \subset \mathcal{I} = \mathcal{I} = \mathcal{I} = \mathcal{I}$
	$\mathcal{L} = A(i); j = g(i-1);$ $ulib(j>=0) A(i)>+) \mathcal{E}$
	CAGIHJ = AGO
	3
	$A \left(\overrightarrow{a} + \overrightarrow{D} = t \right)$
	A(g+y-x)
	3
	Recupção
	Void insertion Foot (int Aga (7, int n) E
	if $(n < = 1)$
	action j;



	× ✓ ×	
1.11	\checkmark \times \checkmark	
	X	
	Coudo code for Binory seona	D 5
2) Id K	= int binooy (int pase (), int l) int	Aros S
	E let mid = (4e-1)/2;	
	if (ago Cmid) = = Key)	
	FOLUGA MUC;	
	if (sox [mid] > Key) setuen binsory (sox) mid-1, Key) setuen (sox) mid+1, 2, Bey)	
	getton birocy (soe) mid - 1, 124)	
	gettler (age midt) & sey)	
		1
	tuon - 1;	
-Koy)	noux spock (int sox, int list & int while (l <= 2) &	
	while $(l = 2)$?	
	art $m = l+(x-l)/2;$	
	if (sog [m] = = kgy);	
<u> </u>	action m;	
	(soce (m) < Key) l = m+1;	
	l = m + l	
	2	
	E-m-1j	
	7ma - 1:	
	WAN !)	
	2 = m - lj $20n - lj$	

97	Fird two indices such that ACO+ACj)=k
Aro 7.	Void Sun (int ACD) int K) int n)
	{
	Sost (A, Atn)
	ad i = 0; j = n - l;
	else if (ALi) + AG) >K)
	Sprint (i, j);
08	Which sorting bost for pactical was? Explain:
	Erflair.
4.0.8	For practical upon no it would be
14920	least for very large data. Fuether, time complexity of morge Sort is some in all cases, that is O(n (log n)).
	time complexity of morge Sout is some
	in all coop, that is O(n (log n)).
-	