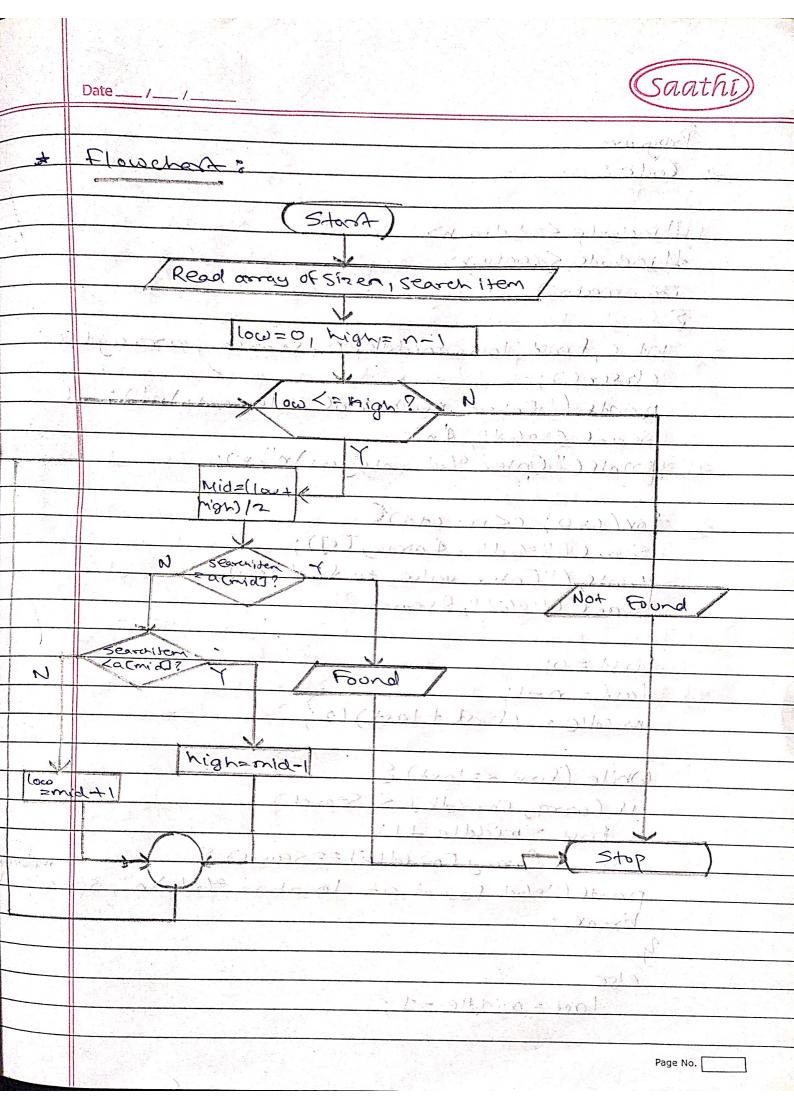


	Date_/_/_
	Name - Savant Onkar Vitthal
	Seat no- 240630
	Roll no - 45
	Ensolment no- 1910020362
	Title
	Develop a program to partir Bloary
	Search on Array
***	- Algorithm.
	Start
<u> </u>	[Initialize] Sex Beg = Lower bound end = opper bound, Pas = -I
ളി	Repeat Steps 3 and 4 while Beg <= Fral
	Set Mid= (Beg + End) /2
	JE A(MID) = VAI
	SET POS = MID
	Print Pos-
	Go to Step 6
	FISE IF A [MJD] >VAL
	Set End = MID=1
	ese
	Set Beg = Mid+1-
and the second s	Ethol of IF)
STATE OF STA	[Frel of loop]
6	Print "Value is not present in Assay"
	(the of It];
.1	Stop
	Page No.





	Date / /
	Logian
	Code:
	#inologie < statio. h>
	#Indude < conto.n>
	Read course of such south the Course that
	5
	Int C. First, last, middle, n, Search, array [100]
	Clarca ().
	prints ("Enter number of elements In");
	Scart ("alod", 4n);
	printe("Enter Yord integers In", n);
	A STATE OF THE STA
	For (c=0; c <n; (gum)<="" c++)="+" td=""></n;>
	Scarf (11 of od 11) + array [(1).
	printe ("Enter value to foral la")
	Scart (110/od1, Asearch );
	First = 0;
	1 agt = n-1; 20007 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	made = (Fxt + 1084) (2;
	While (Fixst <= last) & 1-blander
	if (array Cmiddle] < Search)
	Fixt = middle +1;
a An An	else if Carray [middle] == search) ?
	prints ( aloca Found at location a lod in search )
4	1 Ortal
	<u>y</u>
	else
	last=middle-1;
- 2 a k	





	3 Midelle = (Fixst + last)   2;
	3
	A record to the second of the
	xehrma Ocioca meteriola de la 2111
/ 1	y servino 0; how with the following the foll
	and of value of land of the la
1	Octob Vinceng is vist i wat is some of 13
	2 mill beary allahim with wayman the
72	Enter number of elements:
	117) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
غـ (5 م	Enter 7 integer barrent 21
	of with and the state of the Co
31	5 of botomos di moto and anoth mode
	810 1 1/2/2/24 1 12 21 21 0h 0h
	9 2/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
	Marco with and sunday some and the
	43 the same and a subject to the same and th
#1.	485 1 1 100 2 22 22 22 200 1 100 200 1 100 100
	Enter value to Find
13	15 Fund of Jocaphon 5
2.19	



	Date//
4	Explanation : 10 1/2011 - 01/3/100
	transport (amendment) in the contract of the c
<u> </u>	Binary Search is a Fast search olgontha
Life West 1 1	Collete many - time Complexity
	This search Algorithm cooks on principal
	of the seal consises.
ഹ	Data should be sorted in order to work.
	the series leve for a participal leve
	The search looks For a particular them
	by company the middle roest item of
	the collection through the variable of the
	I IF a match occurs, then the Index of item
	is octumed.
5	I IF the middle item is greater than the
	Hern, there the ifem is searched in the
	Sub-array to the jest of middle otherwise
	to the right of middle
<u> </u>	This process continues on the array
	Contract on the element is the
	Binary Search raives the searchable
	many that the count of
	Companison to be made von less!
	Touch Double to the of the
	사 [17] 마스크 및 12 12 12 12 12 12 12 12 12 12 12 12 12
	게 불통하다면 하는 사람들은 교육이라고 하는 사람들은 보고 보고 있다. 그는 그는 그를 <del>하는 사람들이 되었다.</del>