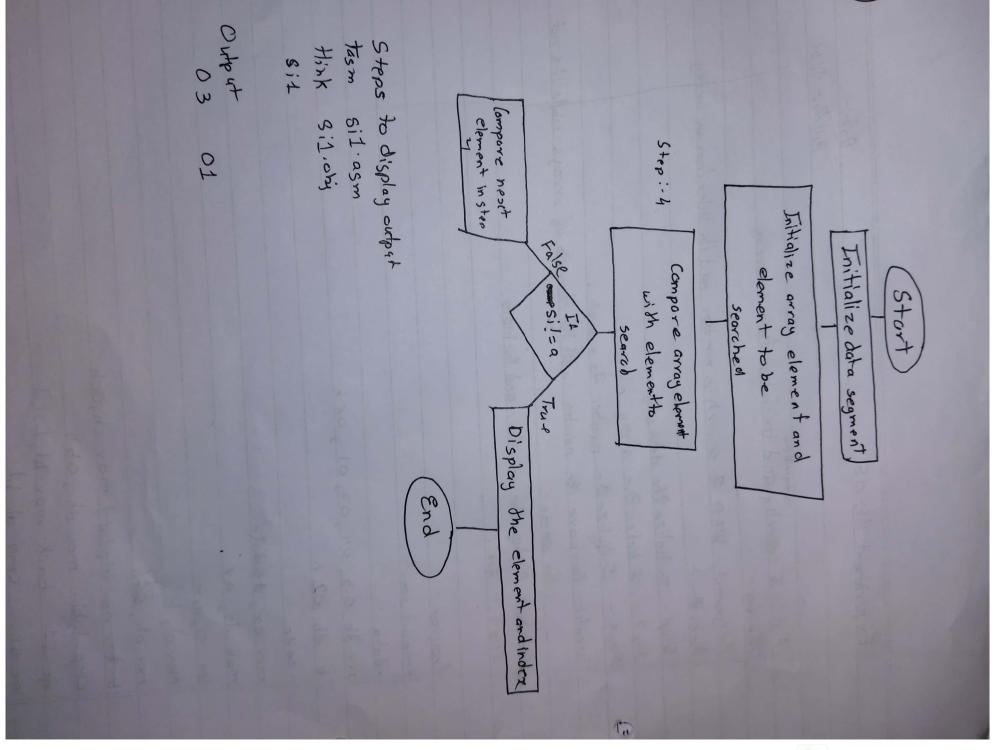
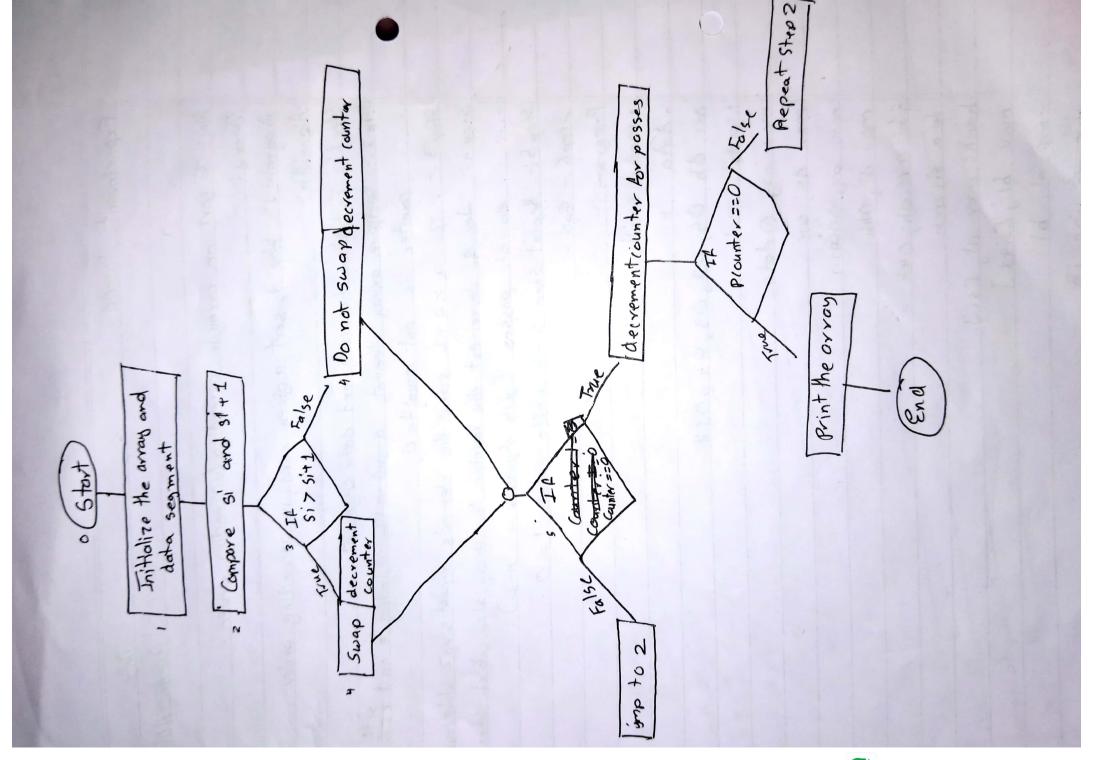
	- Cototal
	Est periment No:-05
	100/100
	Alm - I search, and its index from an orran
	- BA
	Programsi-WAP to search a number and its index from an array
	Algorithm 1-
	Initialize the
3, 5	Thistalize the
U.	Straki- Commence the number to seaven a
	The Same.
5)	Step 5 :- Display the number and the index.
	i- End.
9	Program:
•	model small
•	
e a	arr db 03, 04, 62, 01, 06 h
q	db 02 h
	0
2	mov ox, dedola
	9
lea l	Si. 9x
\$	v al
	mov oh oth
A	
J	ho vom la la
иал.	inc. 5) CIMP ally BY FOR EDUCATIONAL USE



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	TO TOWN OF
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	int 21h
	100
3,	5-
1	2 6
1	21/
,	3
	1
	2/2
	ah ozh
	1
	d)
	To: Oth
	It: may bh, ch
Sc	imp bach
anne	h
d w	
ith C	ie II
KEN S	
221	

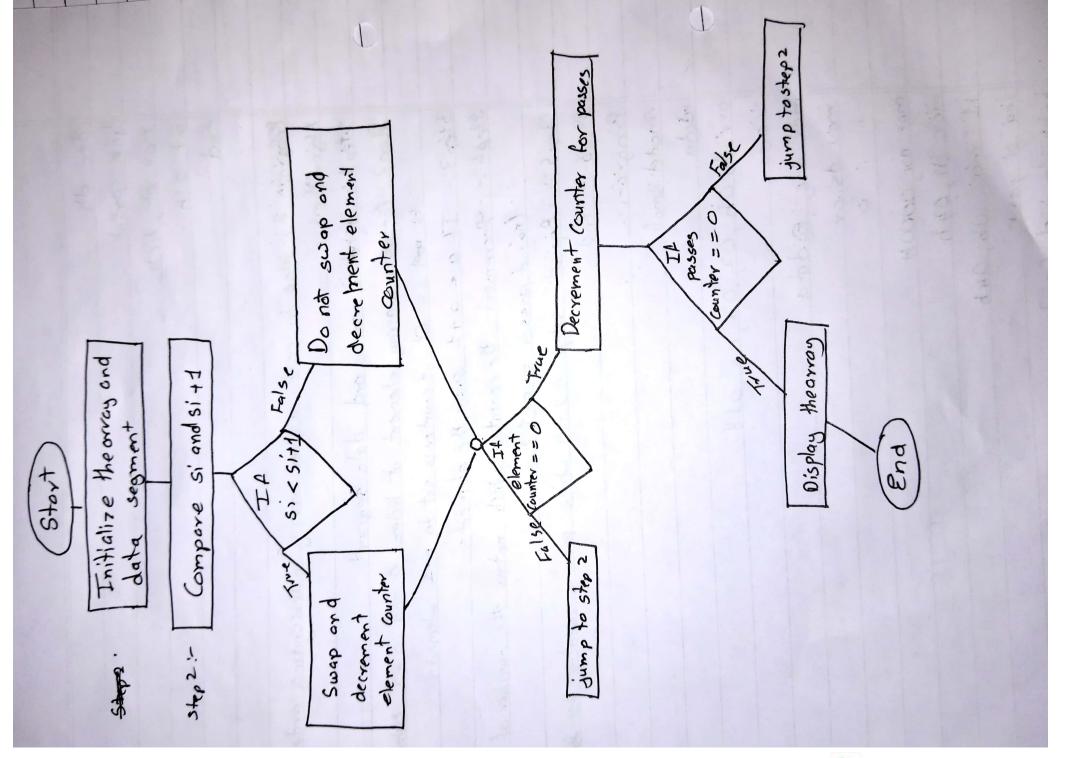
	Experiment No:-06	Date:
		Pon No:-A046
	Aim: To sort on array in ascending	Idescending order.
	Theory:	
	Program 1:- Was to sort a given a	extray in ascending order
	Algorithm:	
	Step 1: Initialize the array and do	ta segment si sitt
5	Stop 2:- Compare array element a	and at 1 at index a and of the while
	counter is not equal to C	
		e elements, repeat step 2 while counter ?=0
	Step 4: - dec the decrement the cou	
	Step 5:- Repeat Step 2-4 while	
	Step 6: - End:	COUNTRY : - U
	Program :-	THE PARTY STATE OF THE PARTY STA
	- model small	1 2 1 4 4 4 1
	. data	
	orr db 05,02,03,04,01H	
3	·code	
	mov ox, @ data	
Party Co	mov de, an	
	mou ox, 00001	
	mov al, 04h	
	11: mar oh, 04h	
	he a si, orr	
	back: mor al, [si]	
	mor bl , [si+1]	
	emp al, bl	
	jbei3 jae i3	
Sundaram®	FOR E	DUCATIONAL USE



	Keha al bl
	8
	N / (+1) b)
	100
	0
	11 Zuf
6	abos may dy 05h
7	lea si orr
	2
	7 =
	مر ام
	1
	max cly 64h
	mov bh, a
	12: xol bh, cl
	7
	=
To	P .
7	
	ibe iy
	0 dd d1, 07h
	11: odd 1130h
	Jr 02
	10+ 21 h
	dec ch
	jn2 12
	mor dl, c
	1. 4 2.1%
0	

05 -o display 03 \$ Steps Tasm Tink

dec dh
unz print
may aby 4ch
-
Program 2: Wap to sort agiven orray in descending order.
m.t.
italize array and data segment
compore array elemes
is man != 0
faca+1
Decrement the
20+ setep
End
5
·model small
-avr db 05,02,03,04,014
mov as, adda
(1
mov as, 00,00H
mov di 04h
mod
lea si jowr
1 30
mod, b), [si #1] FOR EDUCATIONAL USE



cmp al bl
ج ا مون
xcha al, bl
13: mov [si], al
Lsitt
the si
dec dn
yrz barh
طور قا
in Z i.t
TOV TO THE
Cu
- La
11 11
may display
9
cmp dijosh
FOR EDUCATIONAL USE

Steps to display autput tasm Hinh ds

		Ti o'Ci
	ğ	
	-:-	it: add al, & 3ch
	d	mavah, 02h
		int 21h
		dee ch
	37	3/2/2
	**	2
	2	a
	12	4 212
	P	dec dn
	-7	in 2 print
	· £	
	jo	2
•	U	0
•		
	0	on chusion: Hence we sorted an array in ascending and
		descending order
-		
_		
_		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1