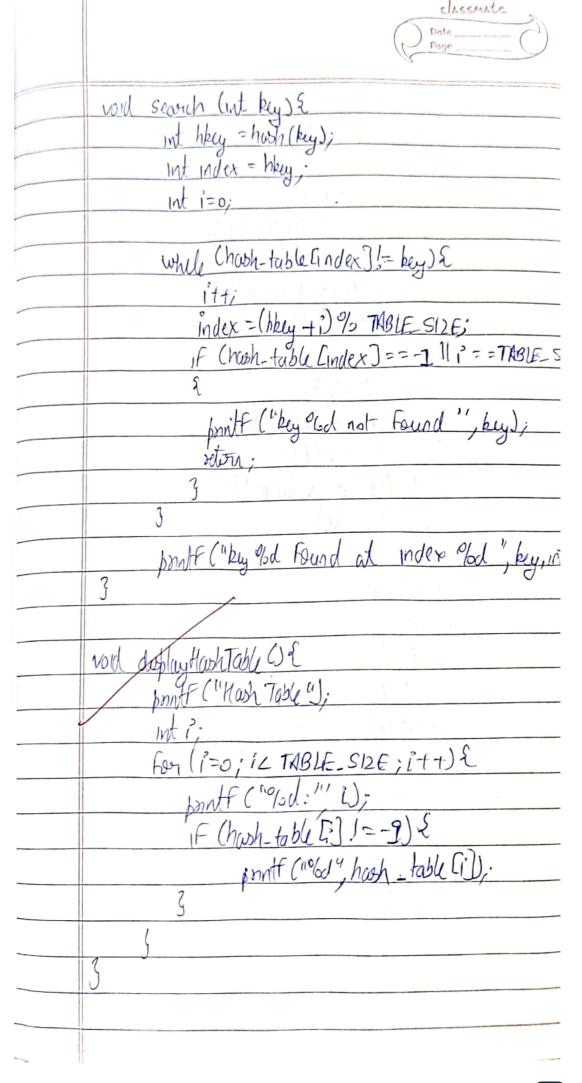
	Data		
	Lab-10		
_	# include <stdio.h></stdio.h>		
1000	# define TABLE_SIZE 10		
	19.6.		
	void intralizeHashTable() {		
·	inti;		
	For (not i=0; i L TABLE_SIZE; i++)&		
	hash-table [i] = -1;		
	1		
	Int harling ky) &		
	return ky % TABLE_SIZE;		
	3		
	void insort (int key) &		
	int hkey = hush (key); int index = hkey;		
·			
AUTO-	while (hosh-table[index] = -1)&		
	1°t+;		
	Index = (hey +i) % TABLE_SIZE; If (i'= TABLE_SIZE) {		
-	point (" Mash table us Full);		
	scturn;		
	3		
	howh-tuble Lindex)=key;		
	3		



Page _

int man() &
inta,b,c,del
11000 1010 1010
mitalize Mash Toble();
point ("Enter the value 1:");
scant ("Gd", la);
sant ("Enter value 2:");
" (a) F ("Obd" (8b):
point ("Enter value 3"):
Scanf (" %d", &c);
protote value 4:"
scanf (nolod", ld);
pont ("Entor value 5:");
Scant (" gody &e);
Sant 100 jac)
Insert (a);
insert (b);
msort(c);
insert (d);
insert (e);
16-1-10:11-AT / 1-11-11
dusting Mash Table ();
Marie Commence
search(35)
5larch (58);
delien 0;
3

		Date
		Poge
	OUTPUT	
-	Enter value 1: 12	
	Enter value 2: 23 Enter value 3: 35	
	Enter Value 4: 47	
	Enter Value 5 = 58	
	Hash Toble:	
	9:	
	1=	
	2: 12	
	3: 23	
	4:	
	5: 35	
	6:	
	7:47	
	8:58	
	9:	
	Key 35 Found at Index # 5 1/ey 49 not Found 1/ey 58 Found at 1ndex 8	
	Key 49 not Found	
	1/ey 58 found at index 8	
	8	
	09/2/24	
,		