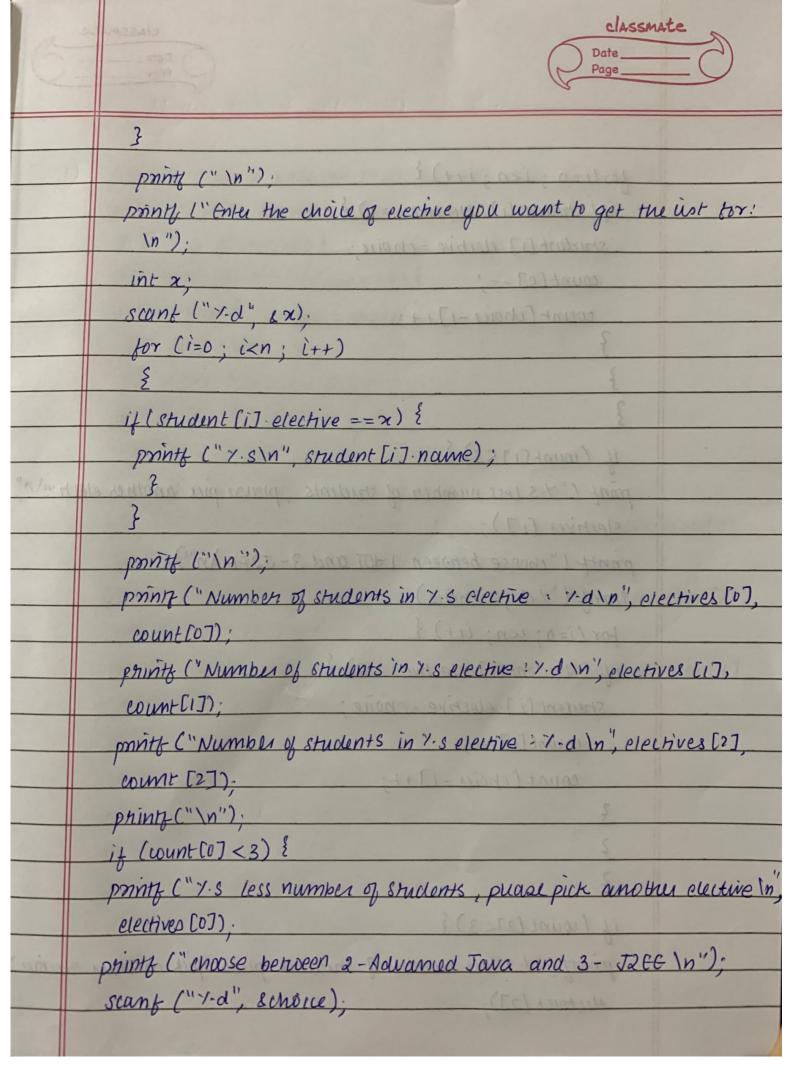


Manika Prasad BM1915081 Sec-B.

7)	While a c program to count the number of students registered
	for 3 elective courses. Accept the names of n students, their
	choice of the elective (courses - Internet of things, IDT, Advanced
	Java and Jaff and Advanced Dota smithurs.)
	Include following questions:
	i) Accept say a from the user. Display the names of the
	Students who have opted for elective x.
	ii) Count and display the total no. of students present in
	each elective.
	iii) If count is less than 30, inform that the course will not be
	floated and ask ine students who've opked for the course to
	reselect their electives from the other 2. Count and display
	the wunts again.
	IV) Display the name of the students in each elective.
	County ("xd" a shedowt (1) electrica)
	#incual <stdio.n></stdio.n>
	# include < stalib.h>
	Smit Student &
14.9	char name [40];
	int elective;
	3. Contract to the second
129	int main()
	E CONTRACTOR OF THE PROPERTY OF THE PARTY OF
	int i, j, choice, n;

```
classmate
 int wunt [3] = {0,0,0}.
chan electives [3][40] = { "IDT" "Advanced Jona", "Jace" };
printly ("Enter number of students: ")
 scanf ("Y.a" ln)
 Smut Student student [n];
for (i=0; i<3; i++)
  pinty ("Iny-d-Y.S", i+1, electives [i]);
 for (i=o; i<n; i+t)
printz (" In Enter the number of student : ").
scanf ("Y.s", studen(i) name);
 prints ("In Enter the choice: ");
 scanf ("1-d", & student [i] elective).
  for (i=0; i<n; i++) {
  if ( Student CiJ- elective == 1) {
   count[0]++, 5
  else if (student (i) elective == 2) {
  count[1]++; }
  euc }
   count[2]++;
```



```
forli=o; i<n; i++) {
   if I student (i) - elective == 1) {
    student [i] elective = choice;
    count [0] -- ;
                              . Or s "bet" James
     count [choice-1]++;
                      ill shidont [i] elective == x)
  if (count (1) <3) Em (1) transmiss " 1/2 (") House
 print ("Y-s less number of students, pleuse pick another elective"
  electives (17);
 printf ("choose between 1-10T and 3-JZEE \n")
 scanf ("T.d", a choice);
  for (i=0; i<n; i++) {
if (Strudent Ci) elective == 2) {
   student (i] · elective = choice;
    more C" Municiples of chieferths in XX (-+)[1] 1 muss /m
      count (choice - 1] ++;
  if [wunt (2] < 3) {
  print ("1-s less number of students, please pick another elective)
   electives [2]);
```

