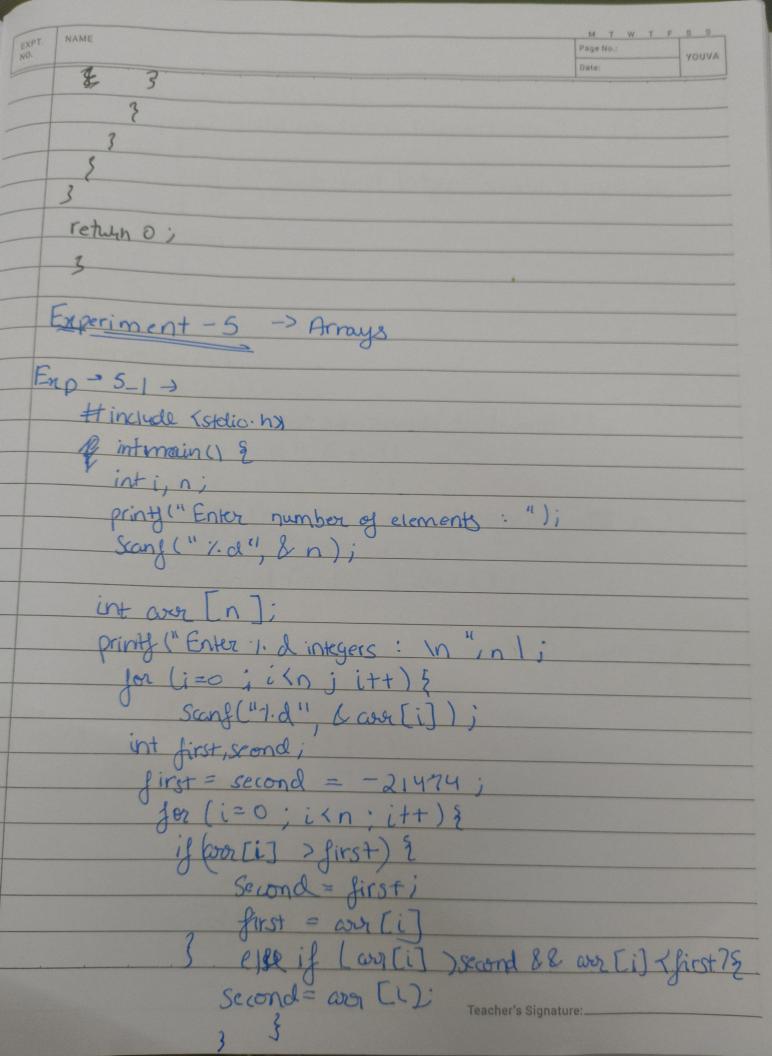
Arnow Aggarwal STD. Brech CCe 1st year DIV: B78 \_ ROLL NO.: \_ Science - Programming in C SUBJECT: INDEX -DATE OF EXPERIMENT DATE OF EXPERIMENT SR. NO. PAGE SUBMISSION REMARKS 7-2 1-3 2 1-4 3 2-1 Loops Function 21

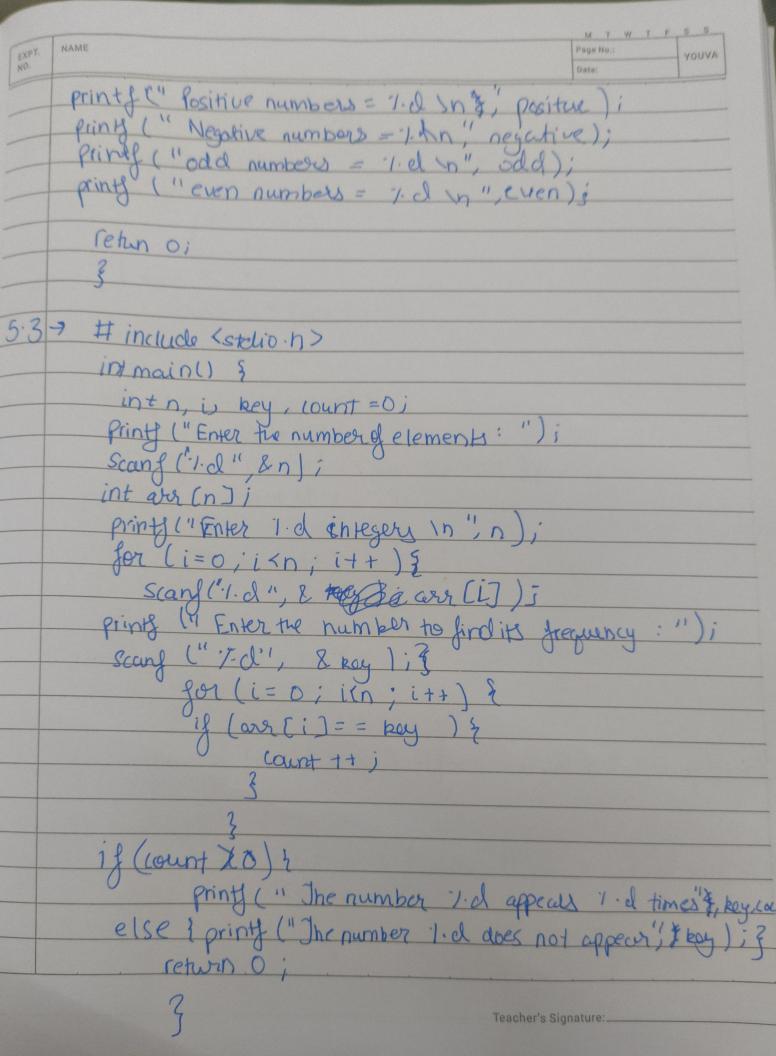


```
\leftarrow \rightarrow
    Run Terminal Help
Go.
C exp3-1-5.c C exp3-2-1.c
                               C exp3 2-2.c
                                                  Cas
 C exp5-1.c > ....
        int main() {
            int n;
            printf("Enter the number of integers:
            scanf("%d", &n);
                                                     ::
                                             2/11
            int arr[n];
            printf("Enter %d integers:\n", n);
           for (int i = 0; i < n; i++) {
                scanf("%d", &arr[i]);
  11
  12
  13
            int largest = arr[0];
  14
  15
            int secondLargest = arr[0];
  17
            for (int i = 1; i < n; i++) {
                if (arr[i] > largest) (
                    secondLargest largest;
                    largest = arr i ;
                } else if (arr[i] > secondLargest &&
  21
  22
                    secondLargest = arr[i];
  23
  24
  25
            printf("The second largest integer is: %
            return 0;
  28
        }
  29
 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                              PORTS
 PS C:\Users\Yash\EXP> ./a.exe
 Enter the number of integers: 5
 Enter 5 integers:
 12345
 The second largest integer is: 4
 PS C:\Users\Yash\EXP>
```

	NAME	M T W T F	5 5
EXPT.		Date:	AVUOY
	if (second== - 2147) }		
	else & "ynerer no se ond largestellemen"	) ;3	
	else §	, ,	
_	Print ("The second congest element is	: y.d >n,	"Second
-			
-	retion o;		
-	3		
(2)			
7.4.	# include (statio.h>		
	int main () §		
	int n, i;		
_	print ( " Enter the number of elements "	1);	
	Scang ("1-7-d", & p);		
	int aviln]		
	print ("Enter the number of elements"	(高n)	-
	for(i=0;iKn;i+)?		
	for ( i=0; i < n; i+1) {  scanf ("1-d", & wor(h);		
	3		
	int positive = 0, negative = 0, add = 0,	oven = [	) .
	for (i=0; i <n; i+t)="" td="" }<=""><td></td><td>,</td></n;>		,
	if (arrli]>0)		
	Positive ++ is		
	dse if ( arr [i] (0)		
	il (1995 1) 1-2 = = 0)		
	negative -1+;  if (avor(i) 1-2 == 0)  even ++;		
	else odd ++ s		

Teacher's Signature:\_

```
View
    Go Run Terminal Help ← →
      C exp3-1-5.c C exp3-2-1.c
                                      C exp3 2 2.c
       C exp5 2.c > ....
             int main() {
                 int arr[n];
                 int positive = 0, negative = 0, odd :
                 printf("Enter %d integers:\n", n);
        11
                 for (int i = 0; i < n; i++) {
                     scanf("%d", &arr[i]);
        13
                     if (arr[i] > 0)
                         positive++;
        17
                     else if (arr[i] < 0)
                         negative++;
                     if (arr[i] % 2 == 0)
        21
                         even III:
                     else
        22
                                             5/11
                         odd++;
                 printf("Positive numbers: %d\n", pos
        26
                 printf("Negative numbers: %d\n", neg
                 printf("Even numbers: %d\n", even);
                 printf("Odd numbers: %d\n", odd);
                 return 0;
             1
        33
       PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                  PORTS
       12345
       Positive numbers: 5
       Negative numbers: 0
       Even numbers: 2
       Odd numbers: 3
       PS C:\Users\Yash\EXP>
```



```
View Go Run Terminal Help
      C exp3-1-5.c C exp3-2-1.c
                                      C exp3-2-2.c
       € exp5-3.c > ...
            #include <stdio.h>
         2
             int main() {
                 int n, num, frequency = 0;
                 printf("Enter the number of integ
                 scanf("%d", &n);
                 int arr[n];
                 printf("Enter %d integers:\n", n)
                 for (int i = 0; i < n; i++) {
        10
                     scanf("%d", &arr[i]);
       11
       12
       13
                 printf("Enter the number to find
                 scanf("%d", &num);
       15
                 for (int i = 0; i < n; i++) {
       17
                     if (arr[i] == num) {
                         frequency++;
        20
        21
        22
                 printf("The frequency o
        23
                                          7/11
                 return 0;
        25
             ł
        26
      PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
      Enter the number of integers: 5
       Enter 5 integers:
       12345
       Enter the number to find its frequency: 2
       The frequency of 2 in the list is: 1
      PS C:\Users\Yash\EXP>
```