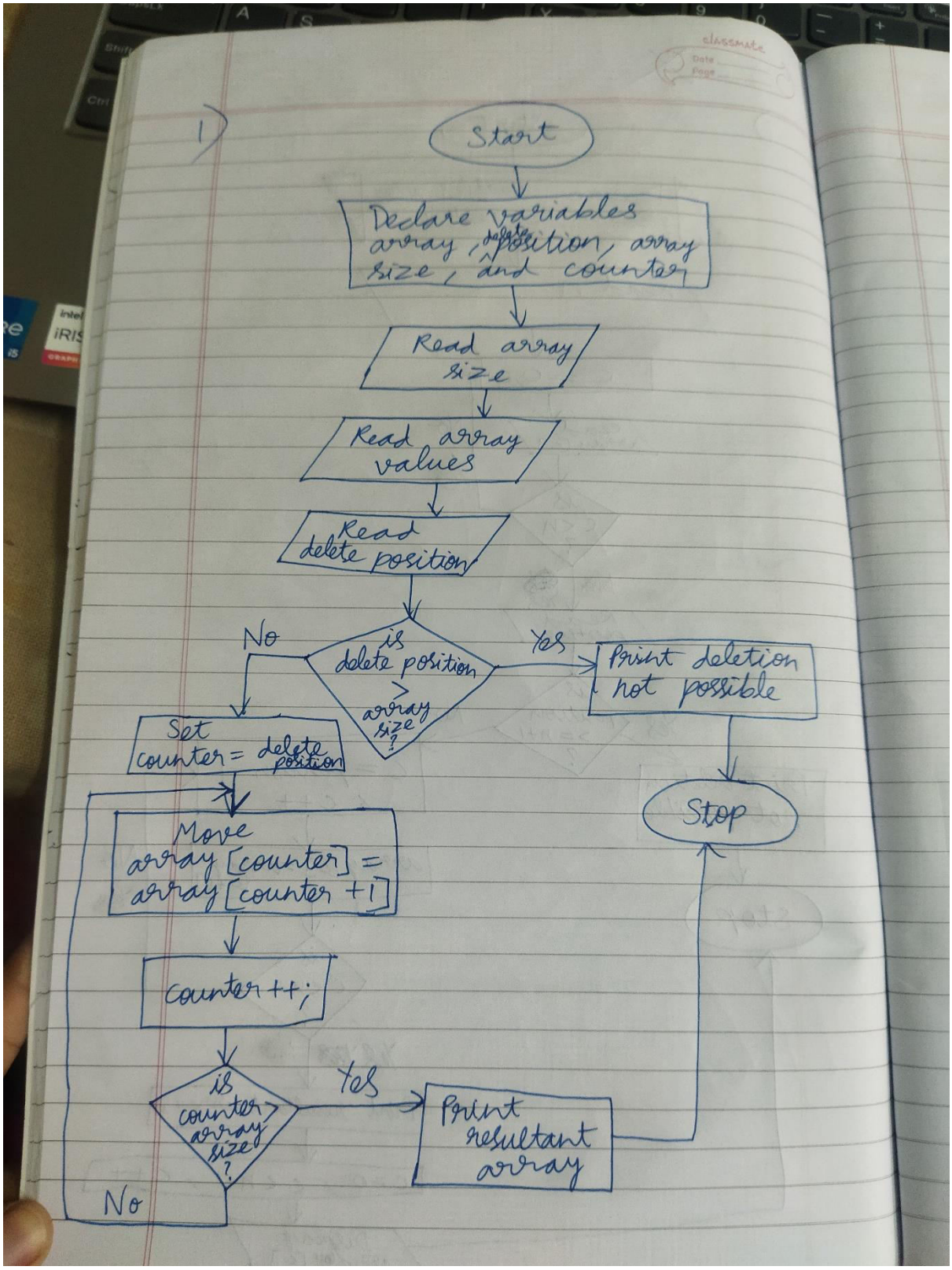
LAB ASSIGNMENT 8

1)



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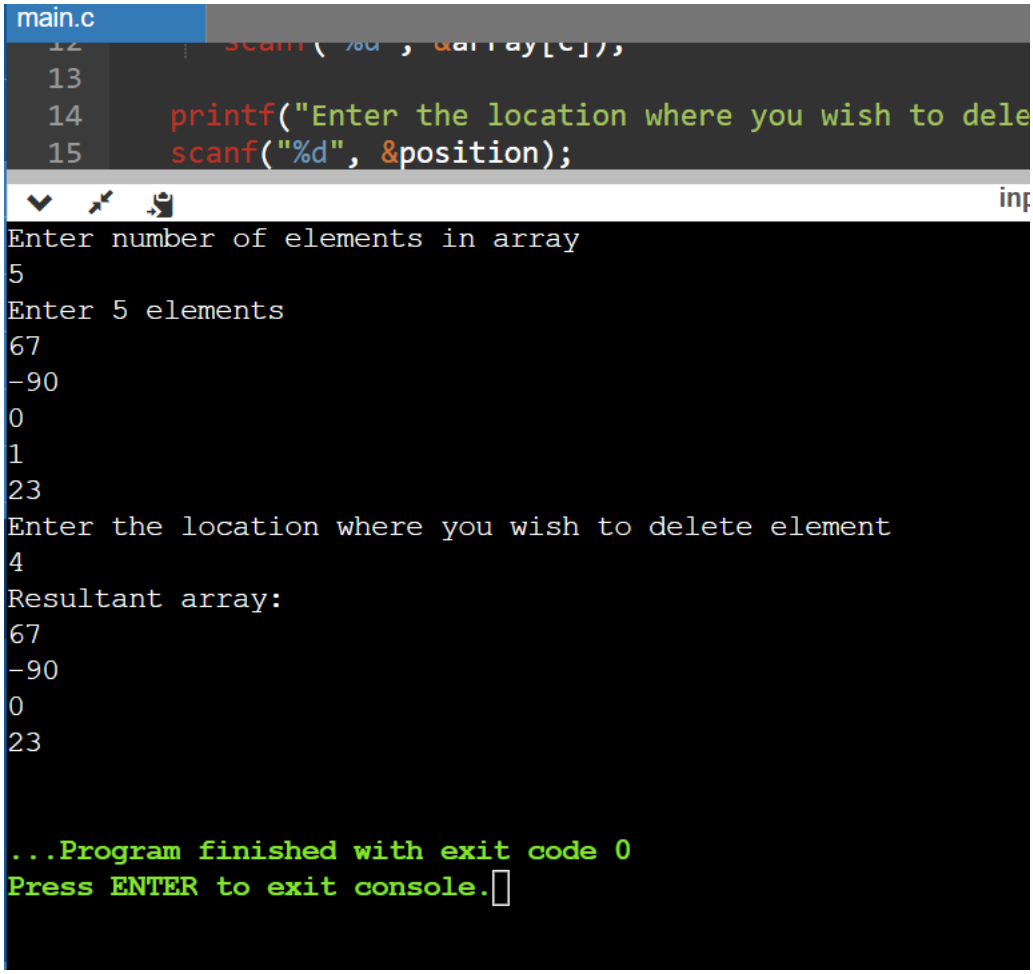

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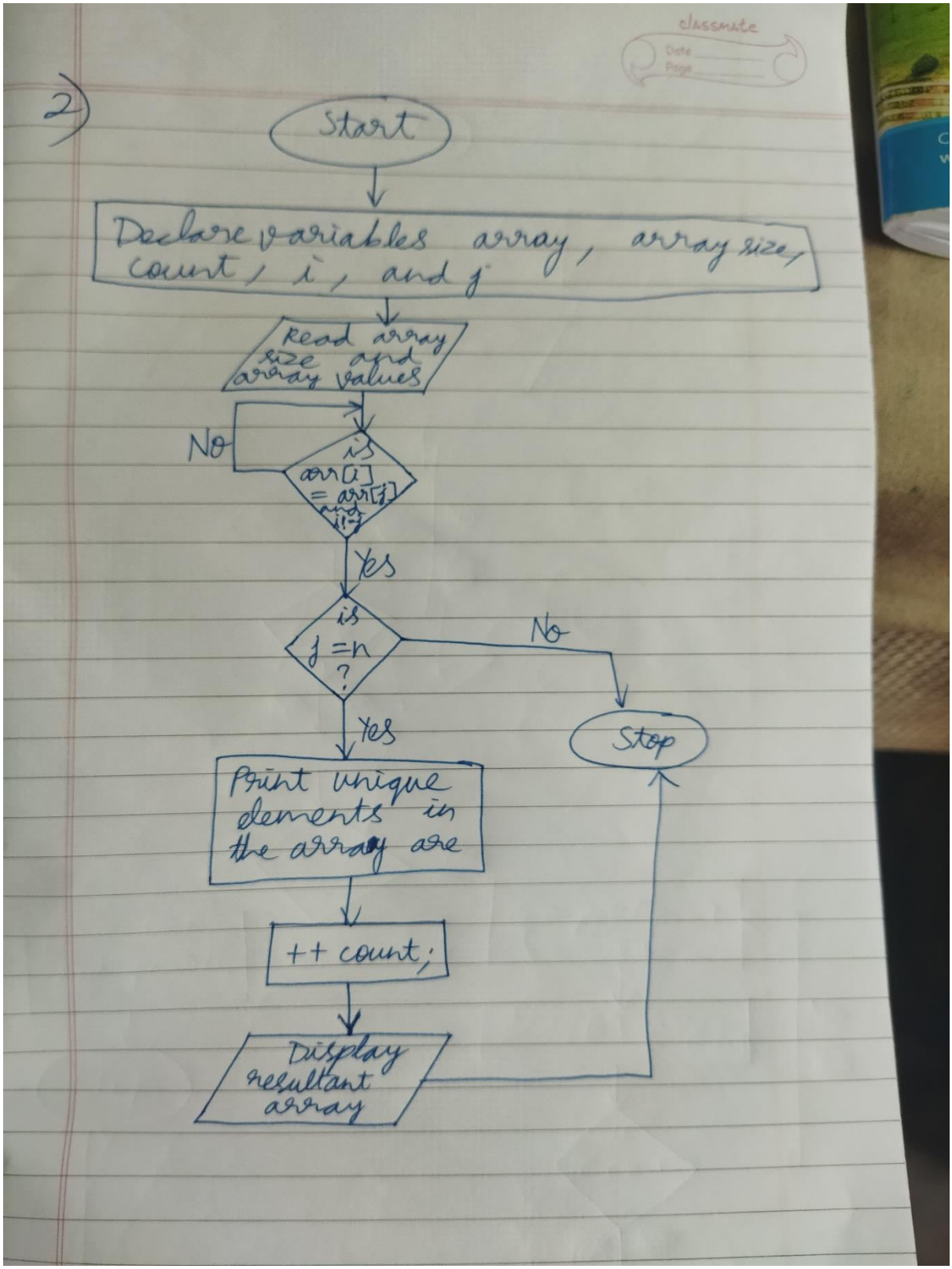
2)



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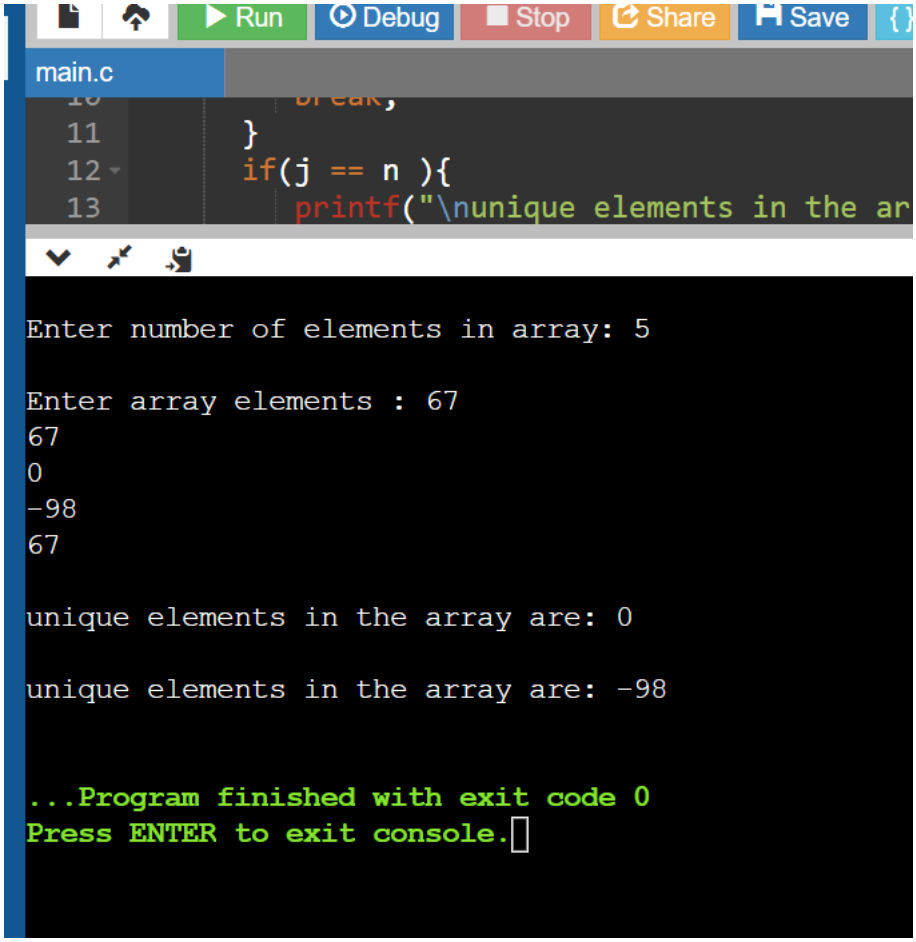

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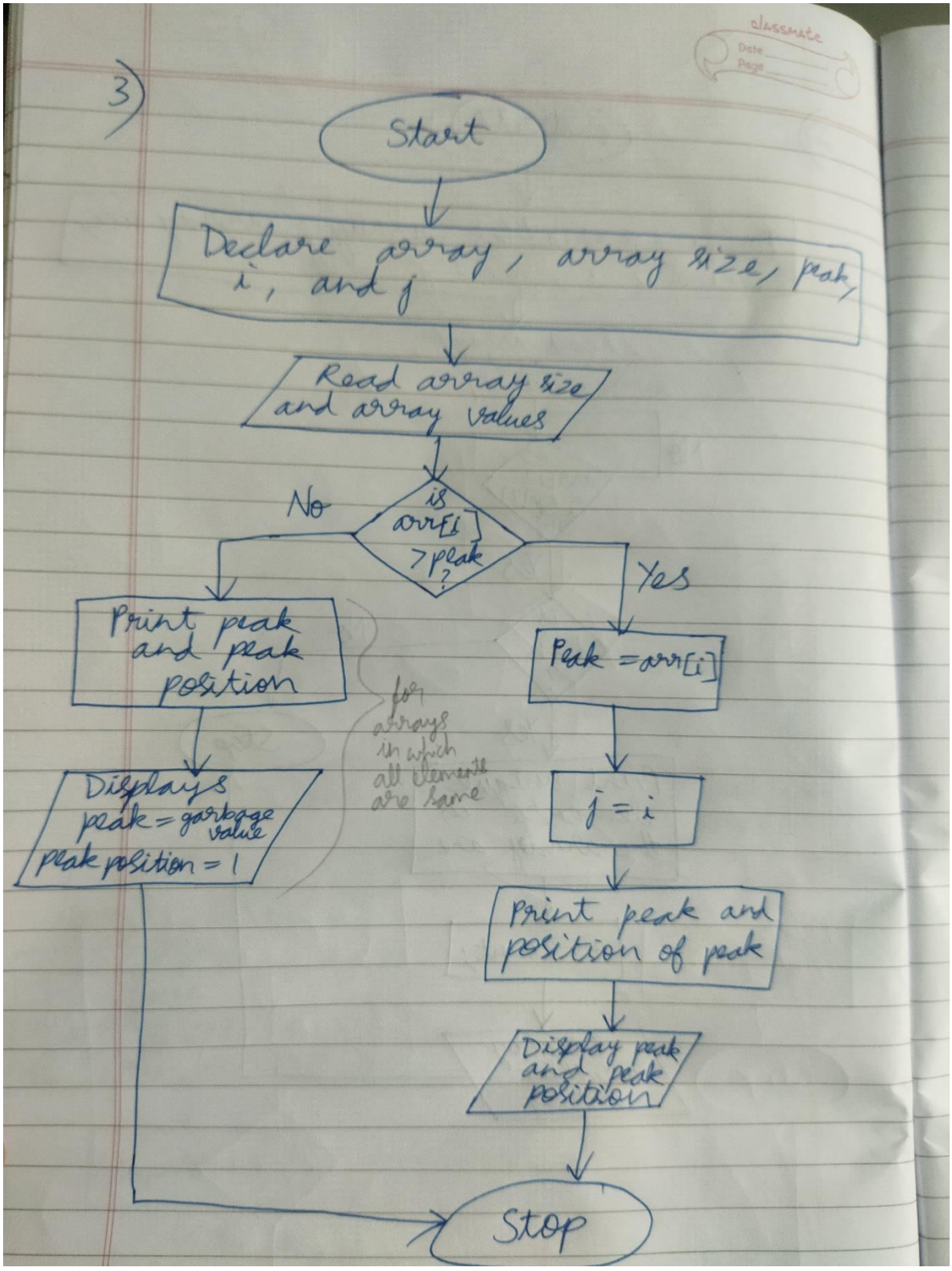
3)



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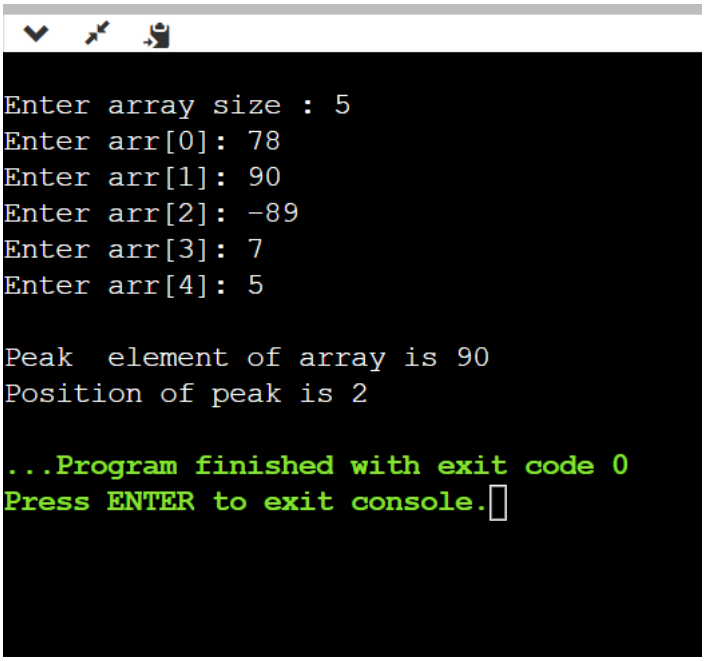

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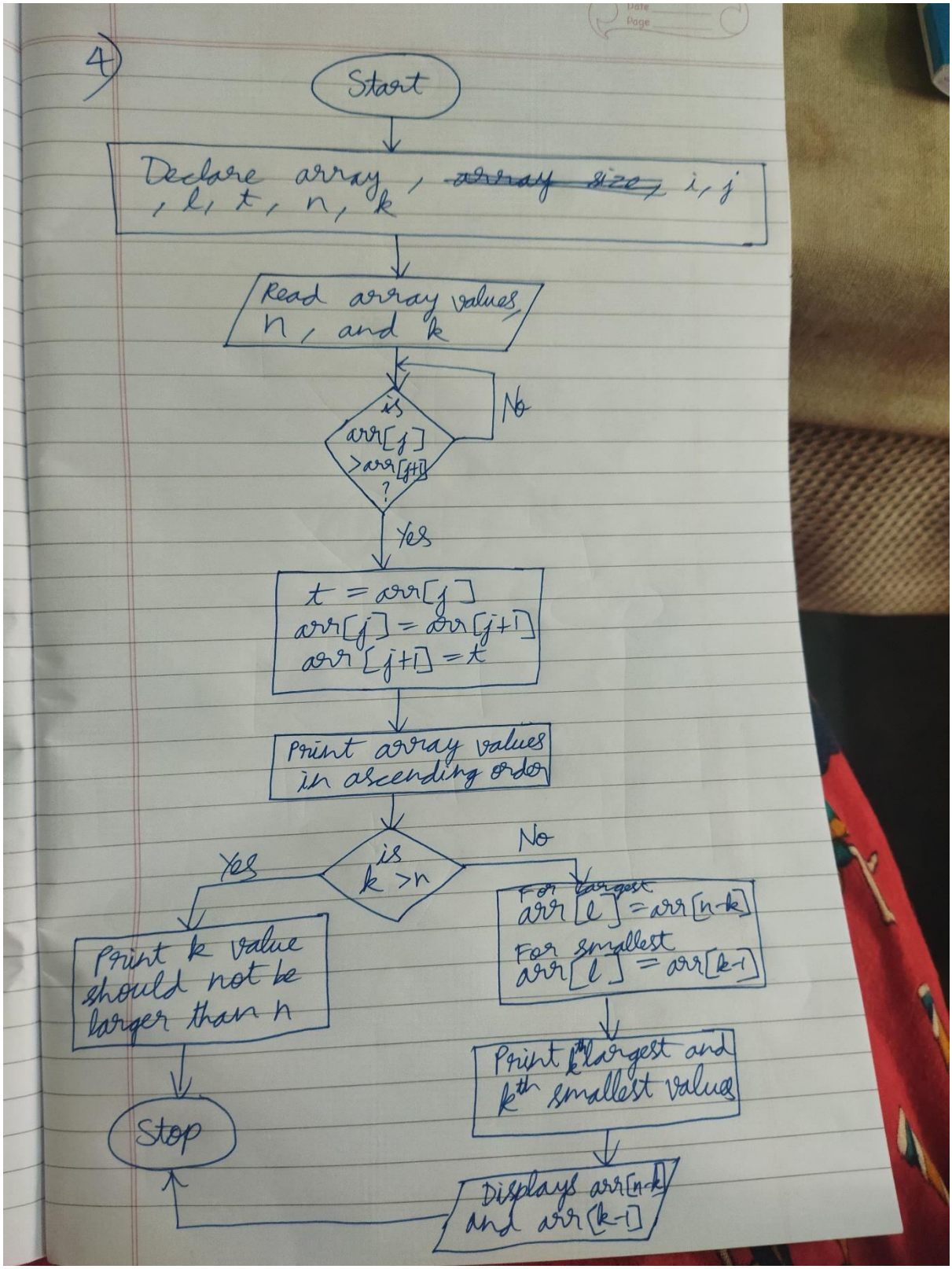
4)



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main.c

Run

Output

```
    for(j=0;j<n-i-1;j++){
        if (arr[j]>arr[j+1]){
            t=arr[j];
            arr[j]=arr[j+1];
            arr[j+1]=t;
        }
    }
}


//printing sorted array
printf("The sorted list is: ");
for (i=0;i<n;i++){
printf("%d ", arr[i]);
}

arr[l]=arr[i];
```

```
/tmp/xqVS4hdVL7.o
Enter size of array:
5
Enter array elements:
90
-89
0
45
7
Enter value of k:
2
The sorted list is: -89 0 7 45 90
The 2th largest element is 45
The 2th smallest element is 0
```

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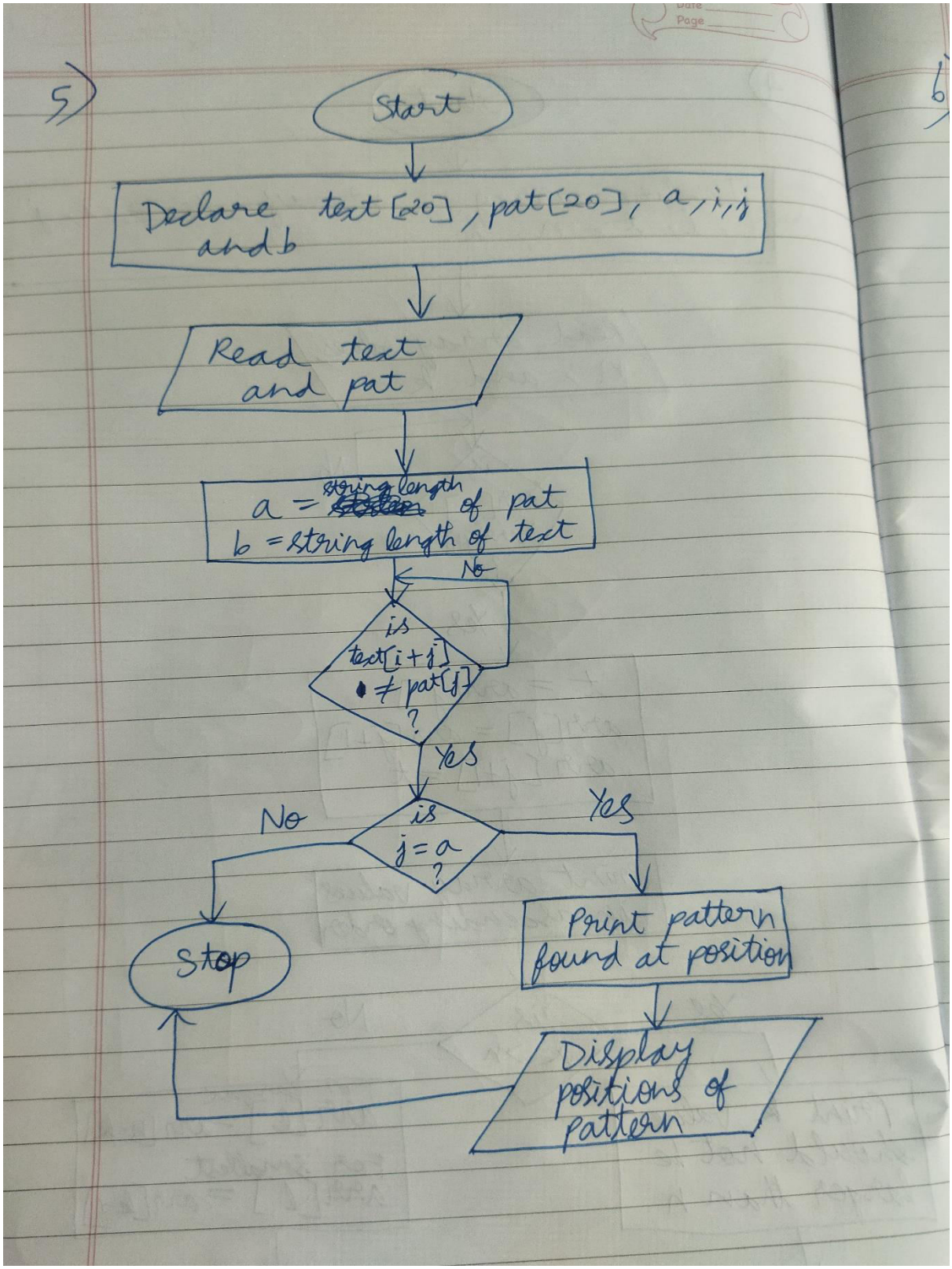
5)



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```
16      printf("\nEnter the pattern to fin
17      scanf("%s",pat);
```

```
Enter the string :abcabcdghj

the string is: abcabcdghj
Enter the pattern to find : abc

the pattern to find is: abc
Pattern found at position 1
Pattern found at position 4


...Program finished with exit code 0
Press ENTER to exit console.
```

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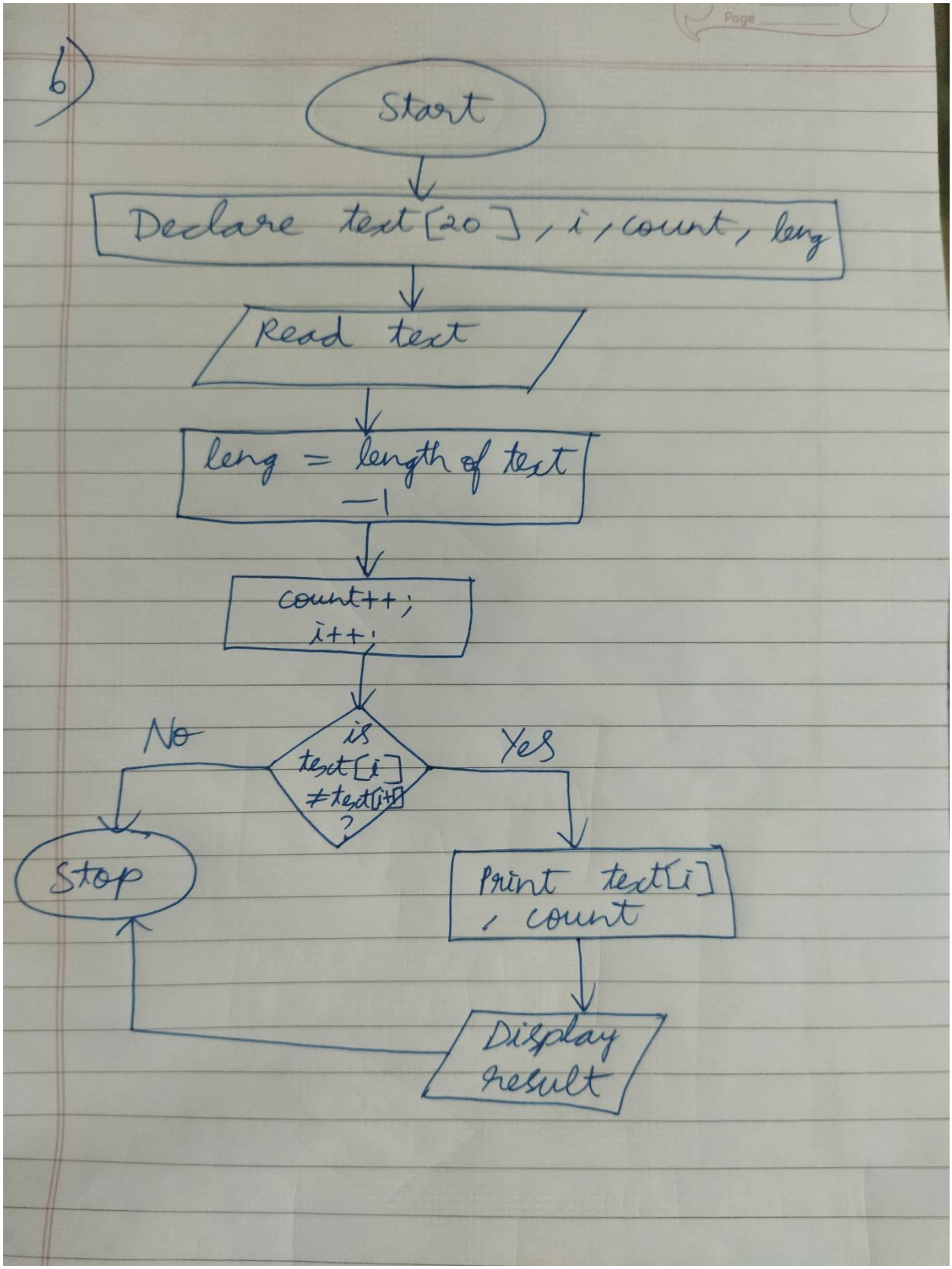
6)



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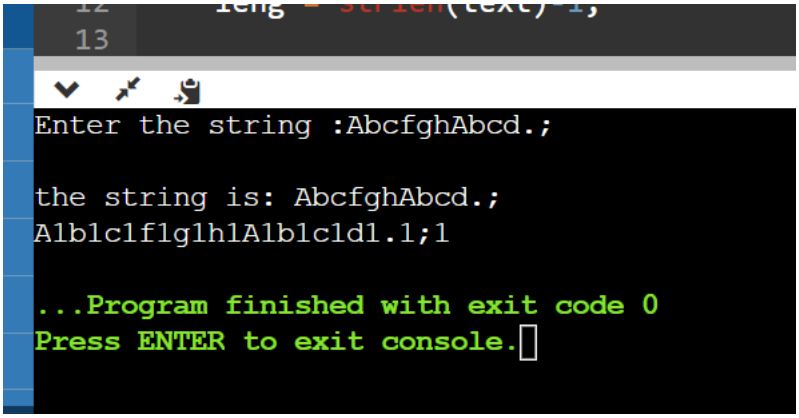

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