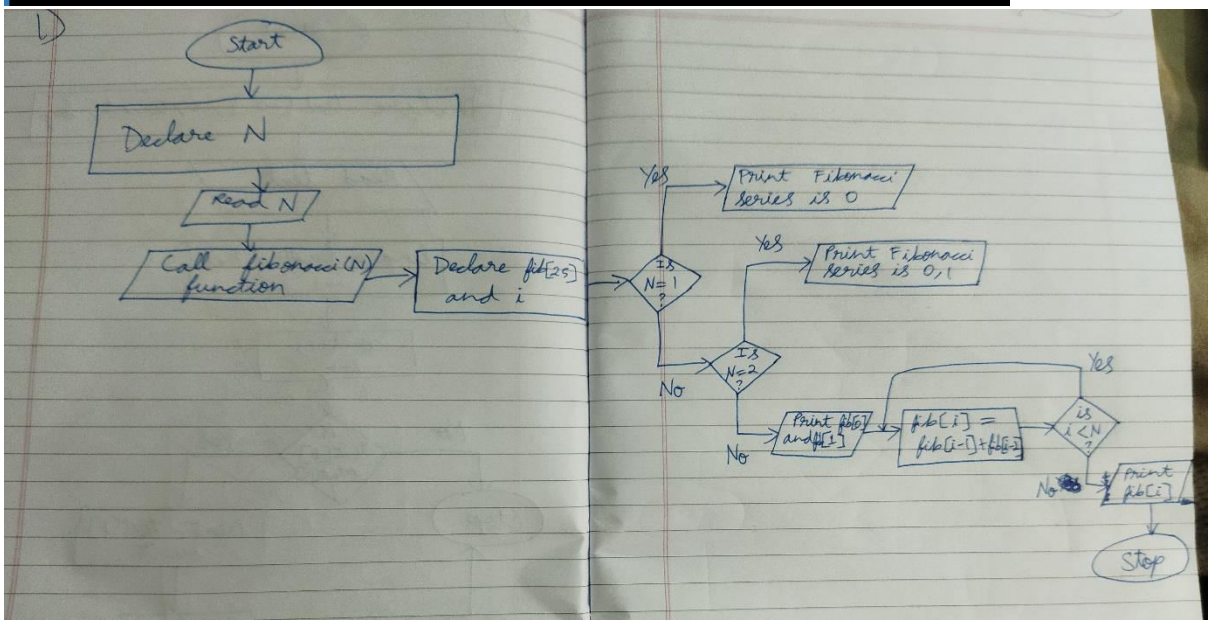
LAB ASSIGNMENT 11

1.

```
19
20
```

```
Enter number of terms in Fibonacci series: 10
The Fibonacci series is: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34

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



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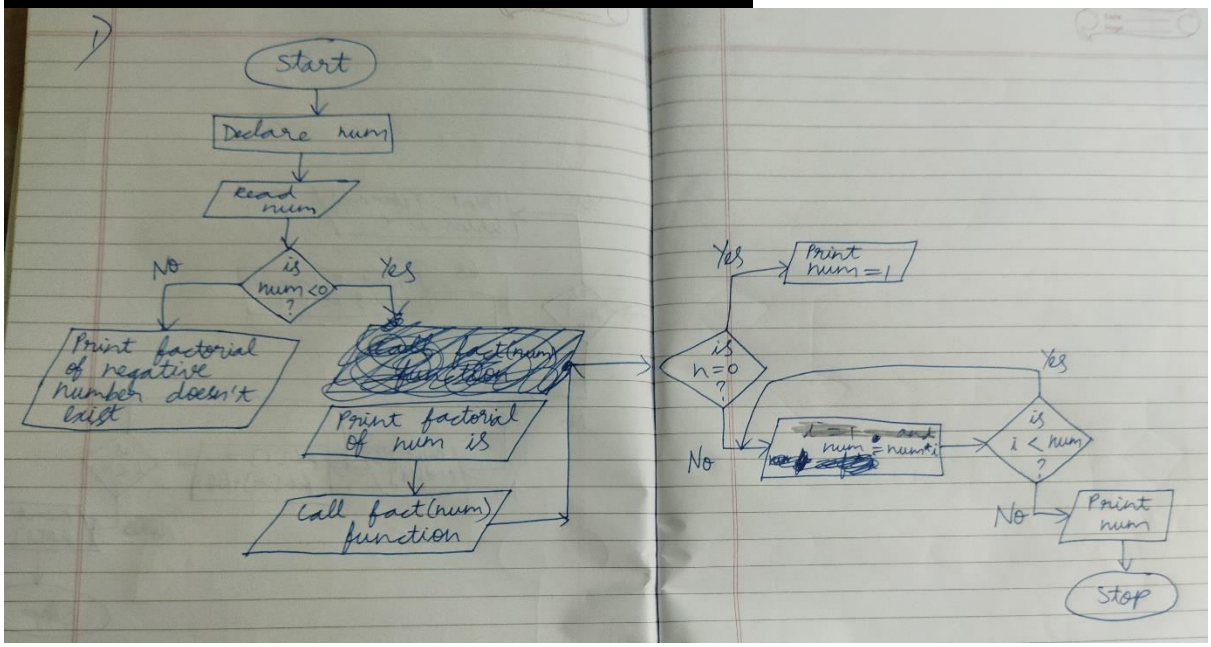
```
16
17  }
18
```

```
Enter number: 6
Factorial of 6 is 720


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



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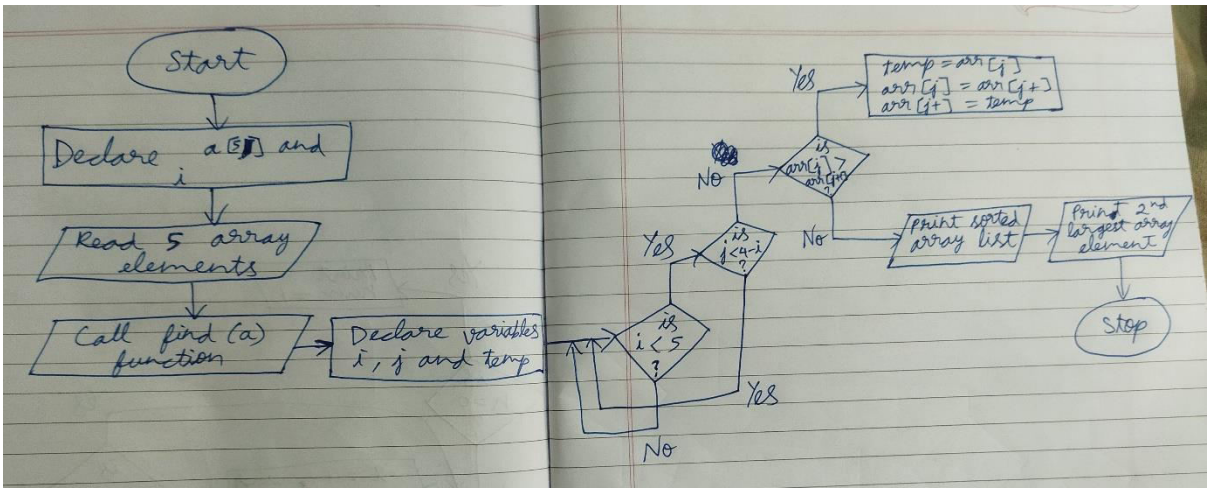
2.

main.c

```
for (i=0;i<5;i++){
printf("%d ", arr[i]);
}
```

```
Enter 5 array elements: 45
Enter 5 array elements: -98
Enter 5 array elements: 0
Enter 5 array elements: 23
Enter 5 array elements: 54
The sorted list is: -98 0 23 45 54
The 2nd largest element is 45


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



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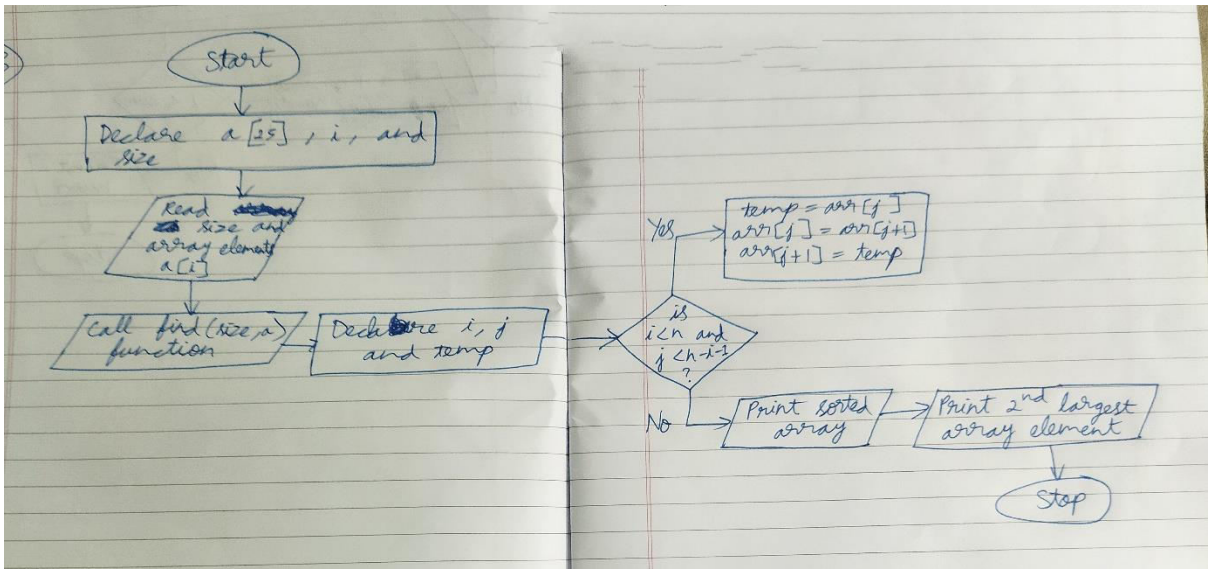
```
27
28  int main()
29  {
```

```
Enter array size: 6
Enter array elements: 56
Enter array elements: 56
Enter array elements: 90
Enter array elements: 56
Enter array elements: 9
Enter array elements: -78
The sorted list is: -78 9 56 56 56 90
The 2nd largest element is 56


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

3.



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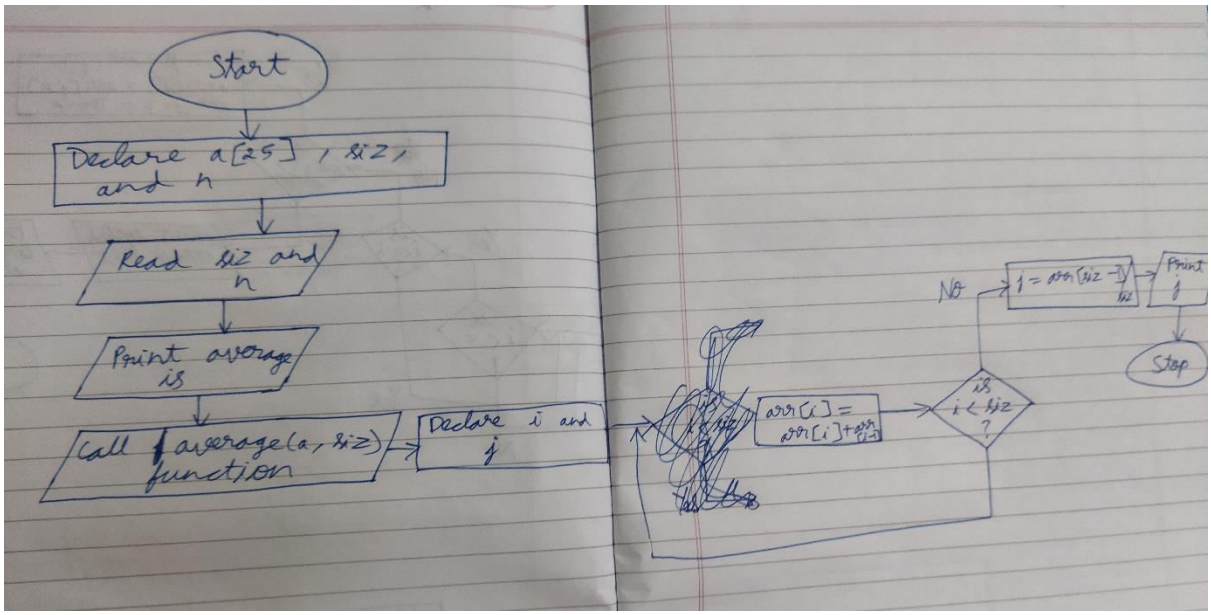
4.

main.c

```
1  #include <stdio.h>
2
3  int average(int arr[25], int size){
```

```
Enter array size: 4
Enter array elements: 5
Enter array elements: 76
Enter array elements: 0
Enter array elements: 23
The average is: 26

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



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