Q.1 Write a Program to find the minimum number from the given 3 numbers using nested if else. Also, draw a Flowchart in your book.

For example,
Input:
Enter a value of the first number: 8
Enter a value of the second number: 3
Enter a value of the third number: 12

Output:
The minimum value is: 3

Ans:
```
#include <stdio.h>

void main() {
   int num1, num2, num3;
   printf("Enter a value of the number1: ");
   scanf("%d", &num1);
   printf("Enter a value of the  number2: ");
   scanf("%d", &num2);
   printf("Enter a value of the  number3: ");
   scanf("%d", &num3);
   if (num1 < num2) {
      if (num1 < num3) {
         printf("The minimum value is: %d\n", num1);
      } else {
         printf("The minimum value is: %d\n", num3);
      }
   } else {
      if (num2 < num3) {
         printf("The minimum value is: %d\n", num2);
      } else {
         printf("The minimum value is: %d\n", num3);
      }
   }
}
```

```
o\p:/tmp/ttNsHZgpJU.o
Enter a value of the number1: 8
Enter a value of the  number2: 3
Enter a value of the  number3: 12
The minimum value is: 3


=== Code Exited With Errors ===
```

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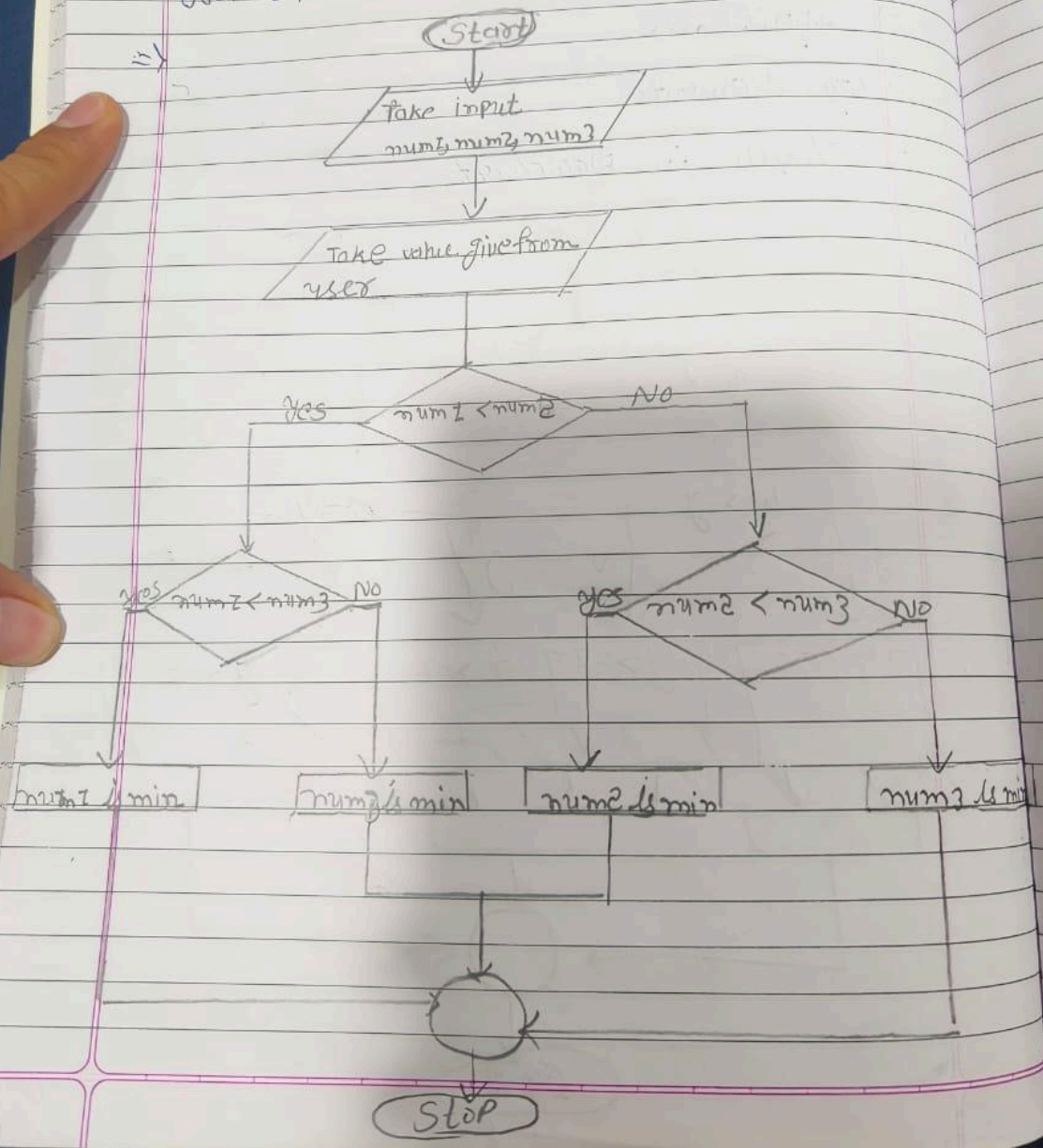
★ find minimum number from given 3 number using nested if else.

draw a Flowchart



Q.2 Write a Program to find the maximum number from the given 4 numbers using nested if else. Also, draw a Flowchart in your book.

For example,

Input:

Enter a value of the first number: 8
Enter a value of the second number: 3
Enter a value of the third number: 12
Enter a value of the fourth number: 7

Output:

The maximum value is: 1

Ans:

```
#include <stdio.h>

void main() {
   int num1, num2, num3, num4;

   printf("Enter a value of the  number1: ");
   scanf("%d", &num1);
   printf("Enter a value of the  number2: ");
   scanf("%d", &num2);
   printf("Enter a value of the  number3: ");
   scanf("%d", &num3);
   printf("Enter a value of the  number4: ");
   scanf("%d", &num4);

   if (num1 > num2) {
   if (num1 > num3) {
   if (num1 > num4) {
  printf("The maximum value is: %d\n", num1);
    } else {
            printf("The maximum value is: %d\n", num4);
        }
     } else {
         if (num3 > num4) {
       printf("The maximum value is: %d\n", num3);
         } else {
            printf("The maximum value is: %d\n", num4);
         }
     }
  } else {
     if (num2 > num3) {
        if (num2 > num4) {
           printf("The maximum value is: %d\n", num2);
        } else {
```

```
            printf("The maximum value is: %d\n", num4);
        }
    } else {
        if (num3 > num4) {
            printf("The maximum value is: %d\n", num3);
        } else {
            printf("The maximum value is: %d\n", num4);
        }
    }
  }
}
```

```
O\p: /tmp/U4BHCwbw2g.o
Enter a value of the  number1: 8
Enter a value of the  number2: 3
Enter a value of the  number3: 12
Enter a value of the  number4: 7
The maximum value is: 12


=== Code Exited With Errors ===
```

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Q. Find maximum number from given 4 using nested if else.
Draw a flowchart

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