

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

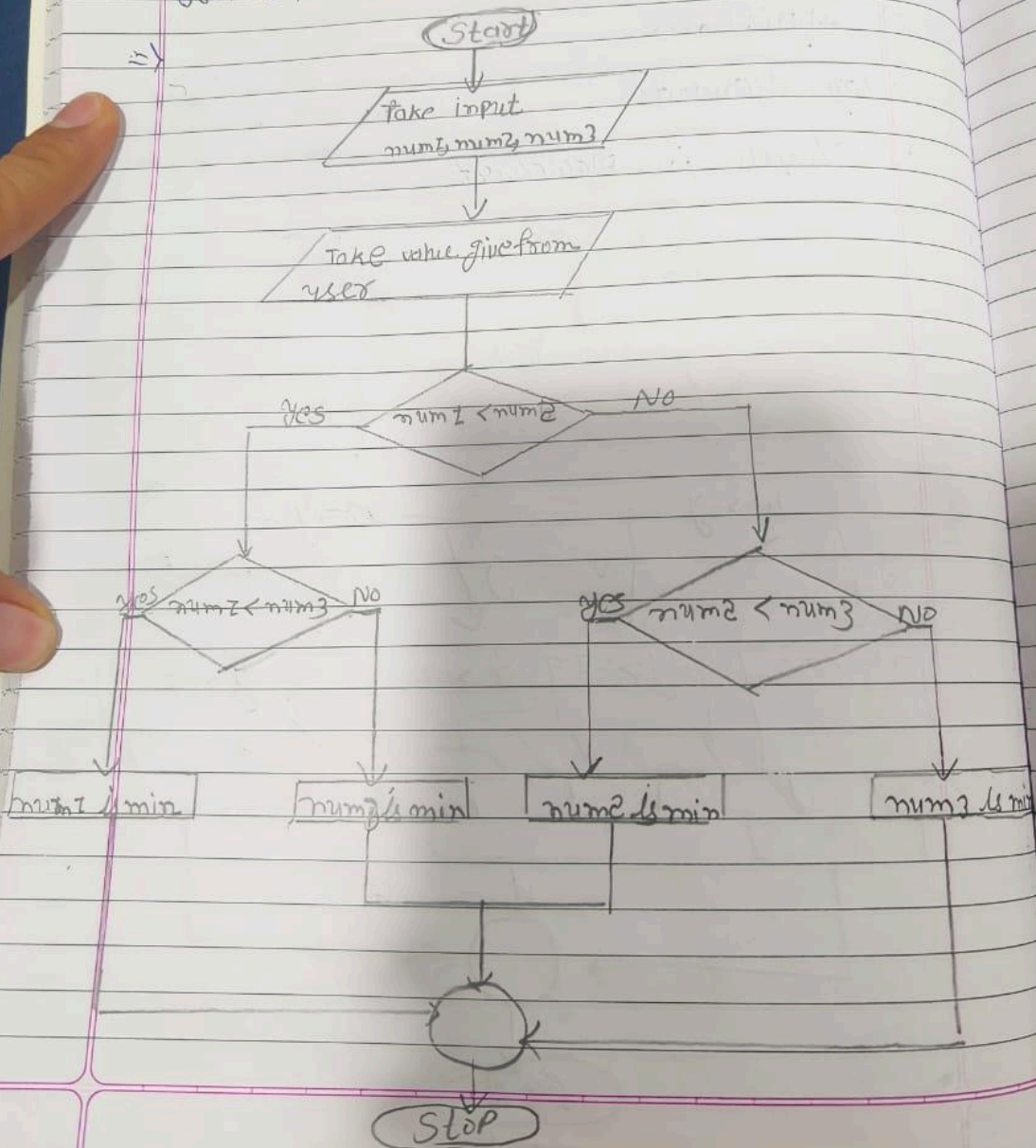
Enter a value of the number2: 3

Enter a value of the number3: 12

The minimum value is: 3

=== Code Exited With Errors ===

* 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 ===