

# ITITIU21187 – NGUYỄN NGỌC TRƯỜNG DUY

The image displays two screenshots of a Visual Studio Code editor window, showing the development and execution of a C program. The top screenshot shows the initial code, and the bottom screenshot shows the code after adding a count variable and a printf statement to display the final values of max1 and max2.

**Top Screenshot:**

```
1 #include <stdio.h>
2 int main(){
3
4     int max1, max2, num;
5     int limit = 5;
6
7
8
9     printf("Input first number: ");
10    scanf("%d", &num);
11    max1 = num;
12    max2 = num;
13
14    int count = 1;
15    while (count < limit) {
16        printf("Input a number: ");
17        scanf("%d", &num);
18        if (num > max1){
19            max2 = max1;
20            max1 = num;
21        }
22        if ((num < max1) && (num > max2)){
```

**Bottom Screenshot:**

```
9     printf("Input first number: ");
10    scanf("%d", &num);
11    max1 = num;
12    max2 = num;
13
14    int count = 1;
15    while (count < limit) {
16        printf("Input a number: ");
17        scanf("%d", &num);
18        if (num > max1){
19            max2 = max1;
20            max1 = num;
21        }
22        if ((num < max1) && (num > max2)){
23            max2 = num;
24        }
25
26        count += 1;
27    }
28    printf("Max1 is %d, max2 is %d\n", max1, max2);
29 }
30 }
```