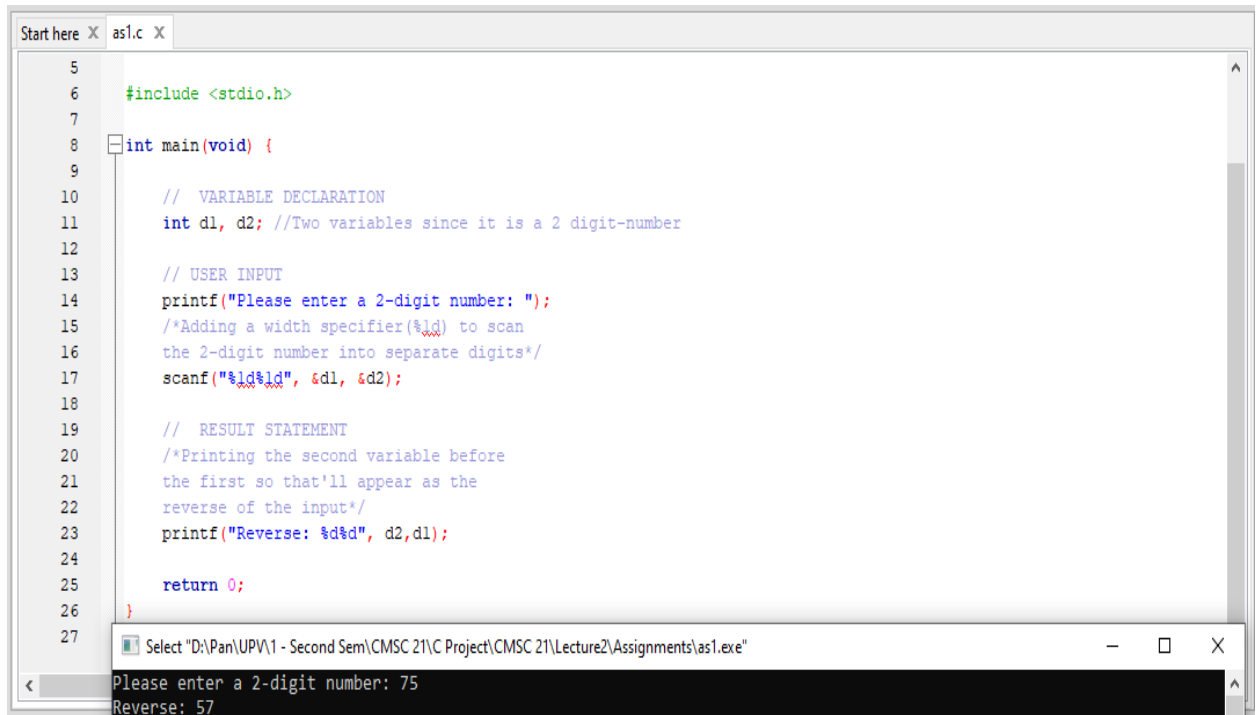


Operators in C

Lecture 1 Assignments

1.

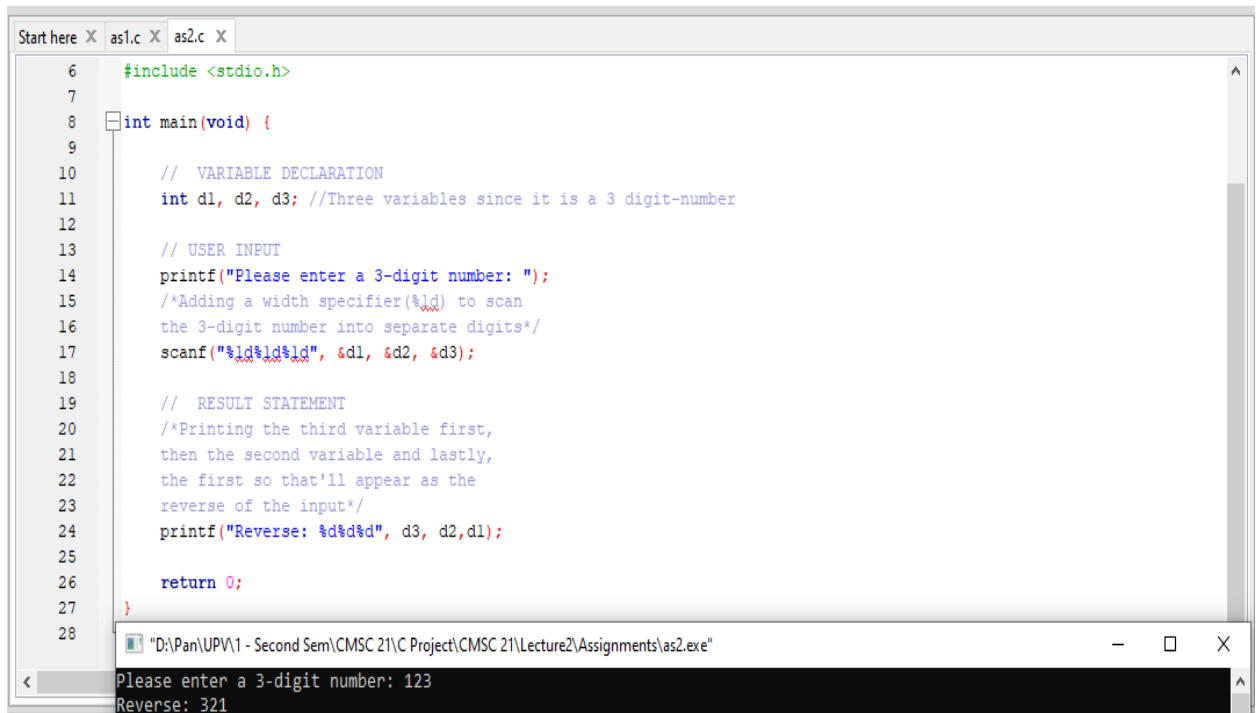


```
5
6 #include <stdio.h>
7
8 int main(void) {
9
10     // VARIABLE DECLARATION
11     int d1, d2; //Two variables since it is a 2 digit-number
12
13     // USER INPUT
14     printf("Please enter a 2-digit number: ");
15     /*Adding a width specifier(%ld) to scan
16     the 2-digit number into separate digits*/
17     scanf("%ld%ld", &d1, &d2);
18
19     // RESULT STATEMENT
20     /*Printing the second variable before
21     the first so that'll appear as the
22     reverse of the input*/
23     printf("Reverse: %d%d", d2, d1);
24
25     return 0;
26 }
27
```

Select "D:\Pan\UPV\1 - Second Sem\CMSC 21\C Project\CMSC 21\Lecture2\Assignments\as1.exe"

Please enter a 2-digit number: 75
Reverse: 57

2.



```
6 #include <stdio.h>
7
8 int main(void) {
9
10     // VARIABLE DECLARATION
11     int d1, d2, d3; //Three variables since it is a 3 digit-number
12
13     // USER INPUT
14     printf("Please enter a 3-digit number: ");
15     /*Adding a width specifier(%ld) to scan
16     the 3-digit number into separate digits*/
17     scanf("%ld%ld%ld", &d1, &d2, &d3);
18
19     // RESULT STATEMENT
20     /*Printing the third variable first,
21     then the second variable and lastly,
22     the first so that'll appear as the
23     reverse of the input*/
24     printf("Reverse: %d%d%d", d3, d2, d1);
25
26     return 0;
27 }
28
```

"D:\Pan\UPV\1 - Second Sem\CMSC 21\C Project\CMSC 21\Lecture2\Assignments\as2.exe"

Please enter a 3-digit number: 123
Reverse: 321

3. Expected output:

a) 1

b) 0

c) 18 8 9 (No newline("\n") in the first printf)

1

8 8 9 (If there is a newline ("\n"))

d) 12 1 1 (No newline("\n") in the first printf)

1

2 1 1 (If there is a newline ("\n"))