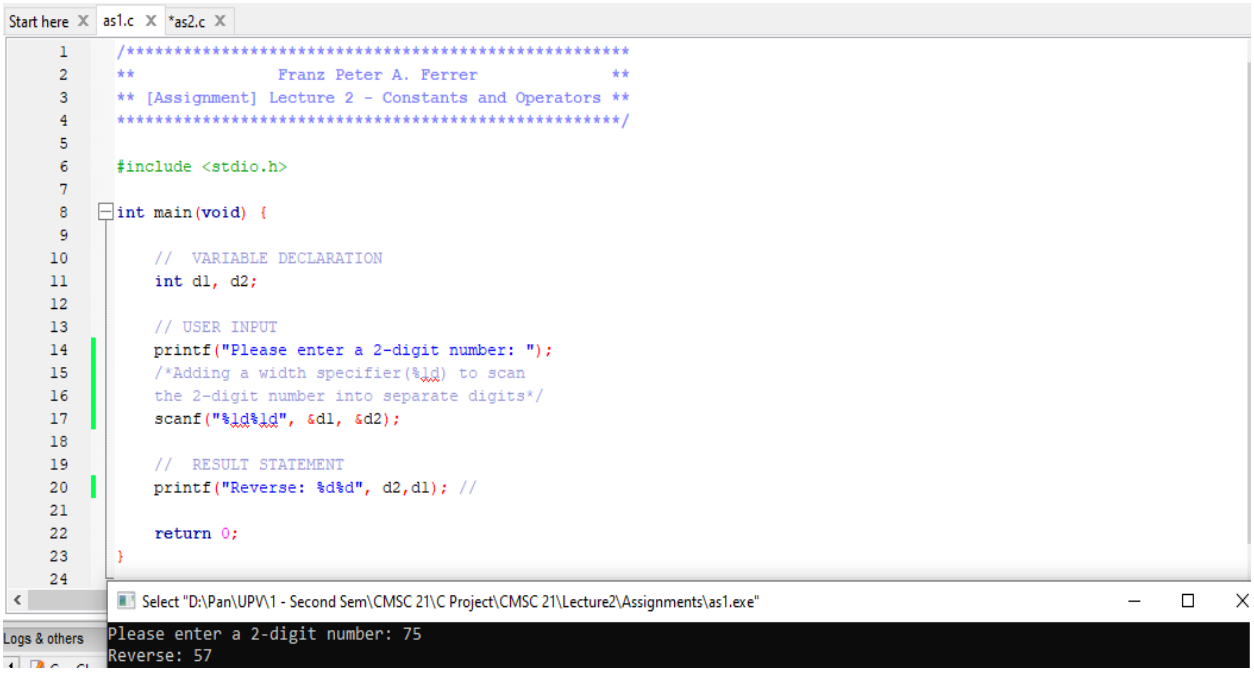
Franz Peter A. Ferrer

Operators in C

Lecture 1 Assignments

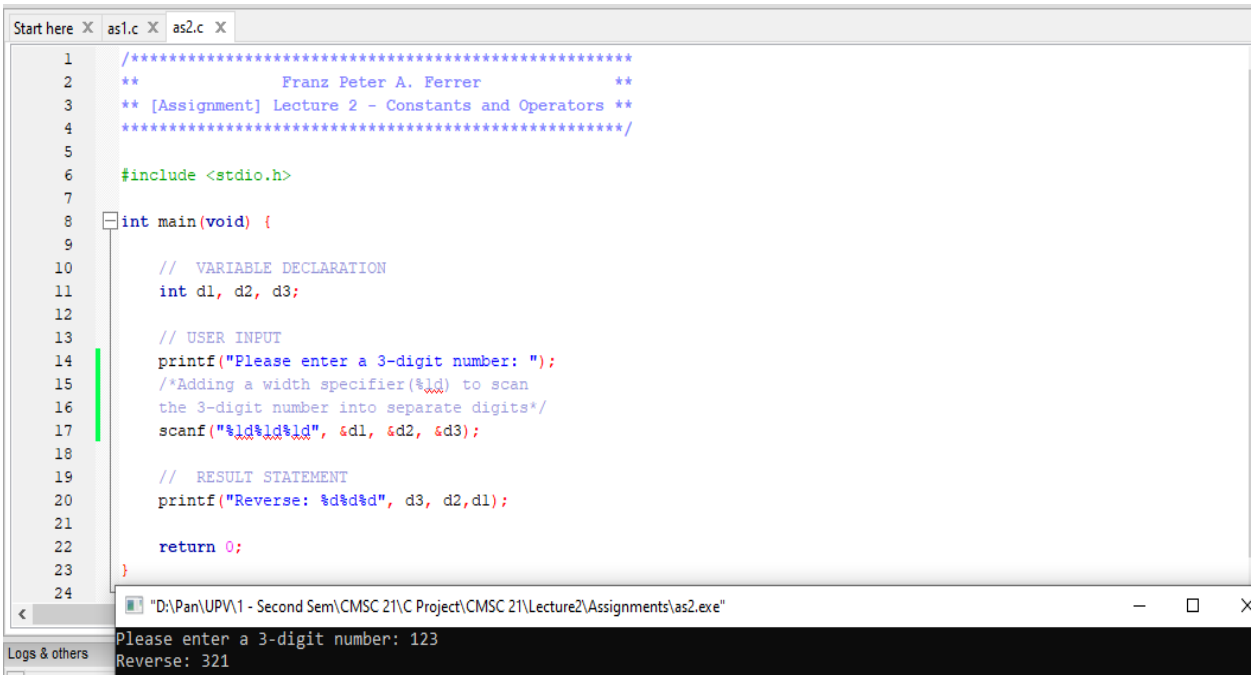
1.



```
/*****************************************************
**               Franz Peter A. Ferrer              **
** [Assignment] Lecture 2 - Constants and Operators **
*****************************************************/

#include <stdio.h>

int main(void) {

    //  VARIABLE DECLARATION
    int d1, d2;

    // USER INPUT
    printf("Please enter a 2-digit number: ");
    /*Adding a width specifier(%ld) to scan
    the 2-digit number into separate digits*/
    scanf("%ld%ld", &d1, &d2);

    //  RESULT STATEMENT
    printf("Reverse: %d%d", d2,d1); //

    return 0;
}
```

```
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.



```
/*****************************************************
**               Franz Peter A. Ferrer              **
** [Assignment] Lecture 2 - Constants and Operators **
*****************************************************/

#include <stdio.h>

int main(void) {

    //  VARIABLE DECLARATION
    int d1, d2, d3;

    // USER INPUT
    printf("Please enter a 3-digit number: ");
    /*Adding a width specifier(%ld) to scan
    the 3-digit number into separate digits*/
    scanf("%ld%ld%ld", &d1, &d2, &d3);

    //  RESULT STATEMENT
    printf("Reverse: %d%d%d", d3, d2,d1);

    return 0;
}
```

```
"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 prinftf)
      1
      2 1 1 (If there is a newline (“\n”))