Assignment - 13

Problem Statement:

Write a program in C to accept a number from the user and print the digits of the number in reverse order.

Code:

```c
#include <stdio.h>

int main()
{
    //Local variables:
    int num, digit;

    //Input:
    printf("Enter a number: ");
    scanf_s("%d", &num);

    if (num == 0)
    {
        printf("Digits in reverse order: 0");
    }
    else
    {
        printf("Digits in reverse order: ");
        while (num != 0)
        {
            digit = num % 10;
            printf("%d ", digit);
            num = num / 10;
        }
    }

    return 0;
}
```

Input & Output:

```
Enter a number: 92
Digits in reverse order: 2 9
D:\MIT\Sem2\FOP\Leap Year\x64\Debug\Leap Year.exe (process 19364) exited wit
To automatically close the console when debugging stops, enable Tools->Optic
le when debugging stops.
Press any key to close this window . . .
```