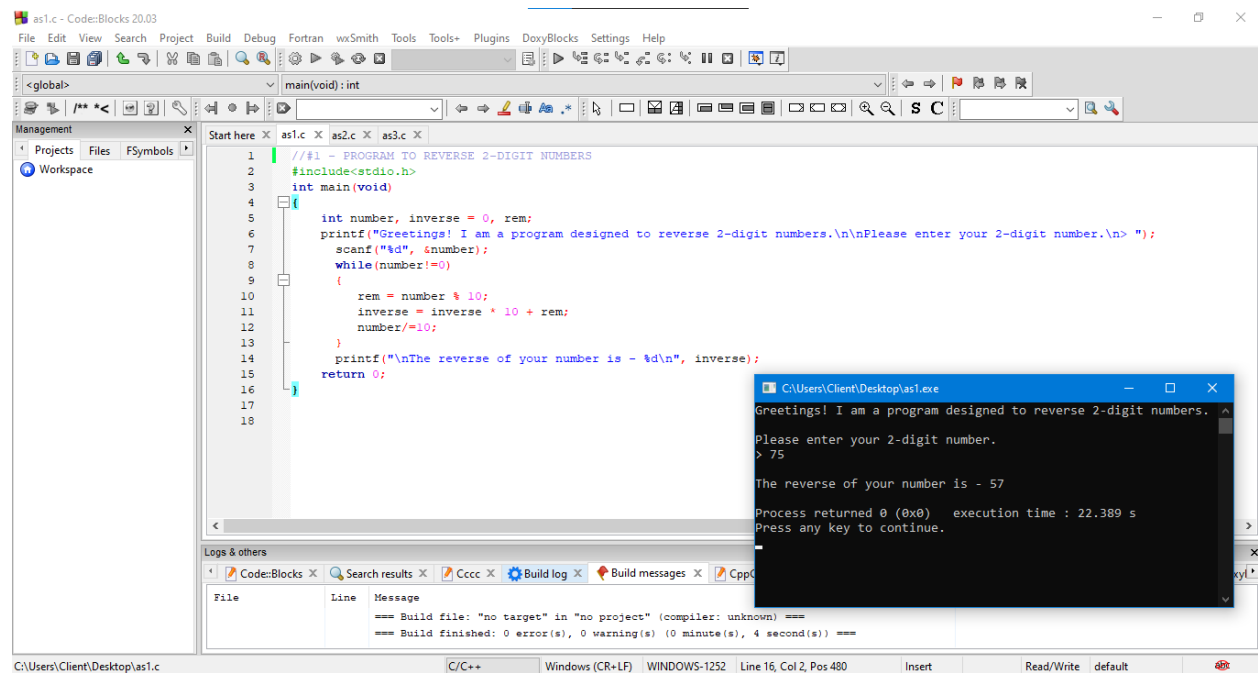


## 1. as1.c

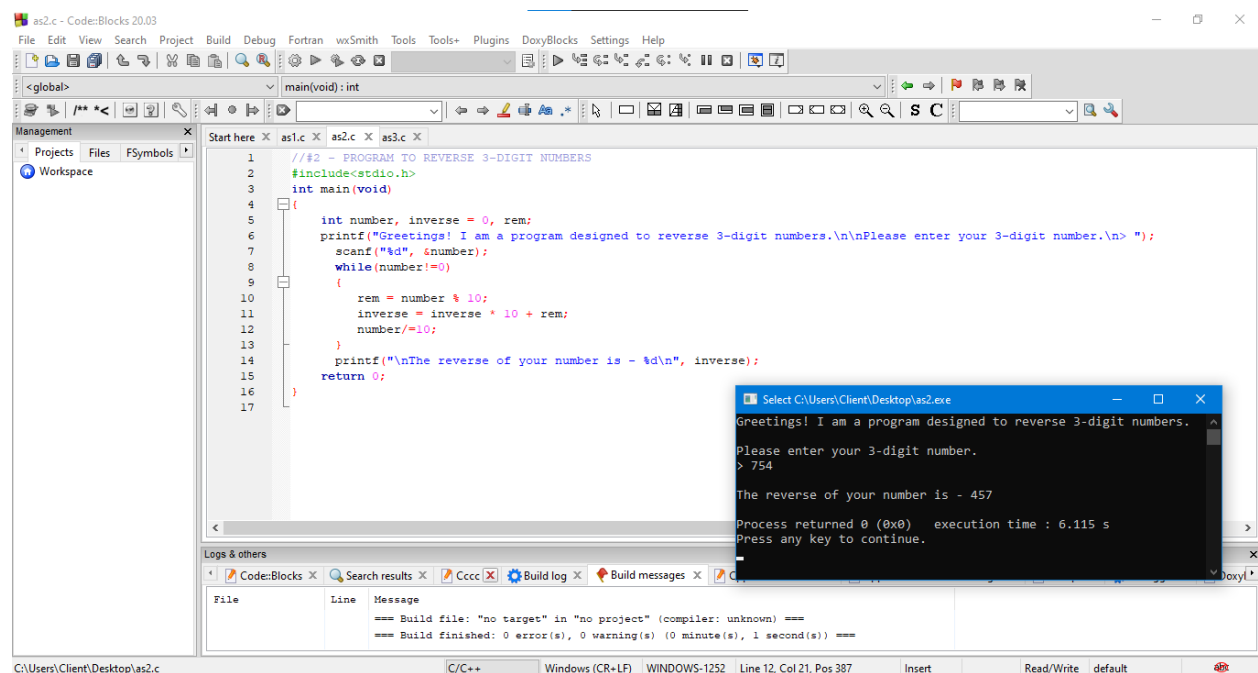


```
//#1 - PROGRAM TO REVERSE 2-DIGIT NUMBERS
#include<stdio.h>
int main(void)
{
    int number, inverse = 0, rem;
    printf("Greetings! I am a program designed to reverse 2-digit numbers.\n\nPlease enter your 2-digit number.\n> ");
    scanf("%d", &number);
    while(number!=0)
    {
        rem = number % 10;
        inverse = inverse * 10 + rem;
        number/=10;
    }
    printf("\nThe reverse of your number is - %d\n", inverse);
    return 0;
}
```

Build file: "no target" in "no project" (compiler: unknown) ==  
Build finished: 0 error(s), 0 warning(s) (0 minute(s), 4 second(s)) ==

C:\Users\Client\Desktop\as1.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 16, Col 2, Pos 480 Insert Read/Write default

## 2. as2.c



```
//#2 - PROGRAM TO REVERSE 3-DIGIT NUMBERS
#include<stdio.h>
int main(void)
{
    int number, inverse = 0, rem;
    printf("Greetings! I am a program designed to reverse 3-digit numbers.\n\nPlease enter your 3-digit number.\n> ");
    scanf("%d", &number);
    while(number!=0)
    {
        rem = number % 10;
        inverse = inverse * 10 + rem;
        number/=10;
    }
    printf("\nThe reverse of your number is - %d\n", inverse);
    return 0;
}
```

Build file: "no target" in "no project" (compiler: unknown) ==  
Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ==

C:\Users\Client\Desktop\as2.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 12, Col 21, Pos 387 Insert Read/Write default

### 3. as3.c

```
1 //LECTURE 2 ASSIGNMENT #3
2 #include<stdio.h>
3 int main(void){
4     int i, j, k;
5
6     i = 3; j=4; k=5;
7     printf("a) %d\n", i < j || ++j < k);
8     //Output: a) 1
9     i = 7; j = 8; k = 9;
10    printf("\nb) %d\n", i - 7 && j++ < k);
11    //Output: b) 0
12    i = 7; j = 8; k = 9;
13    printf("\nc) %d\n", (i = j) || (j == k));
14    printf("    %d %d %d\n", i, j, k);
15    /*Output: c) 1
16                8 8 9*/
17    i = j = k = 1;
18    printf("\nd) %d", ++i || ++j && ++k);
19    printf("\n    %d %d %d\n", i, j, k);
20    /*Output: d) 1
21                2 1 1*/
22 }
23
```

CAUsers\Client\Desktop\as3.exe

a) 1  
b) 0  
c) 1  
8 8 9  
d) 1  
2 1 1

Process returned 0 (0x0) execution time : 0.156 s  
Press any key to continue.

Logs & others

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

C:\Users\Client\Desktop\as3.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0 Insert Read/Write default