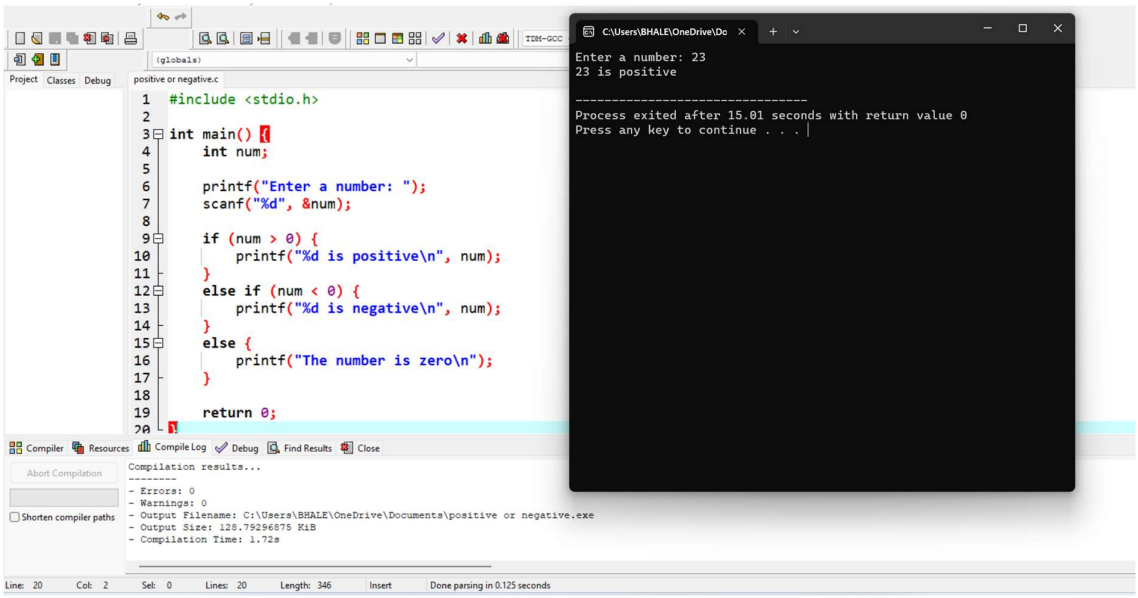
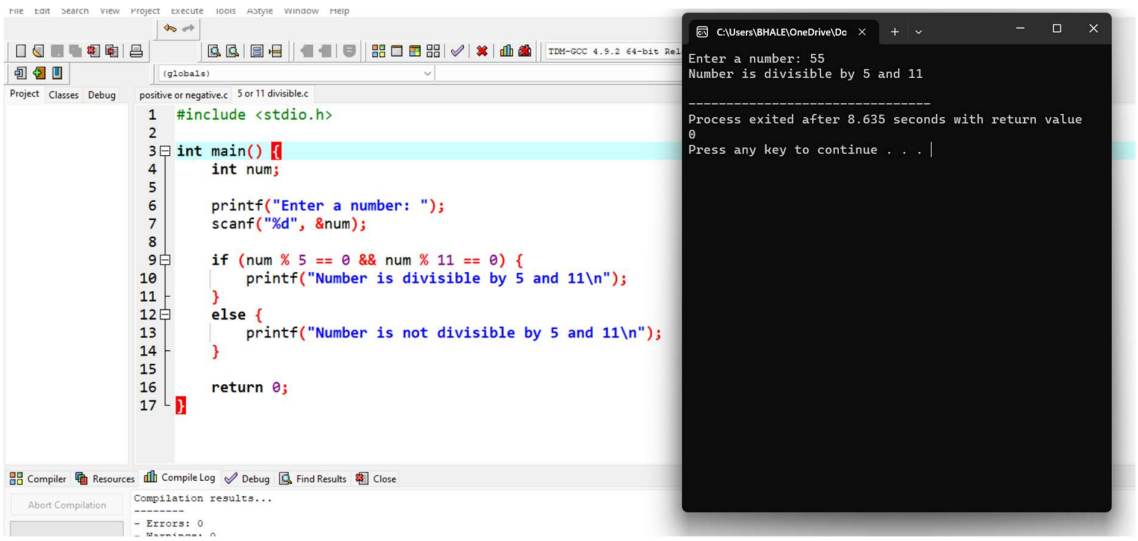
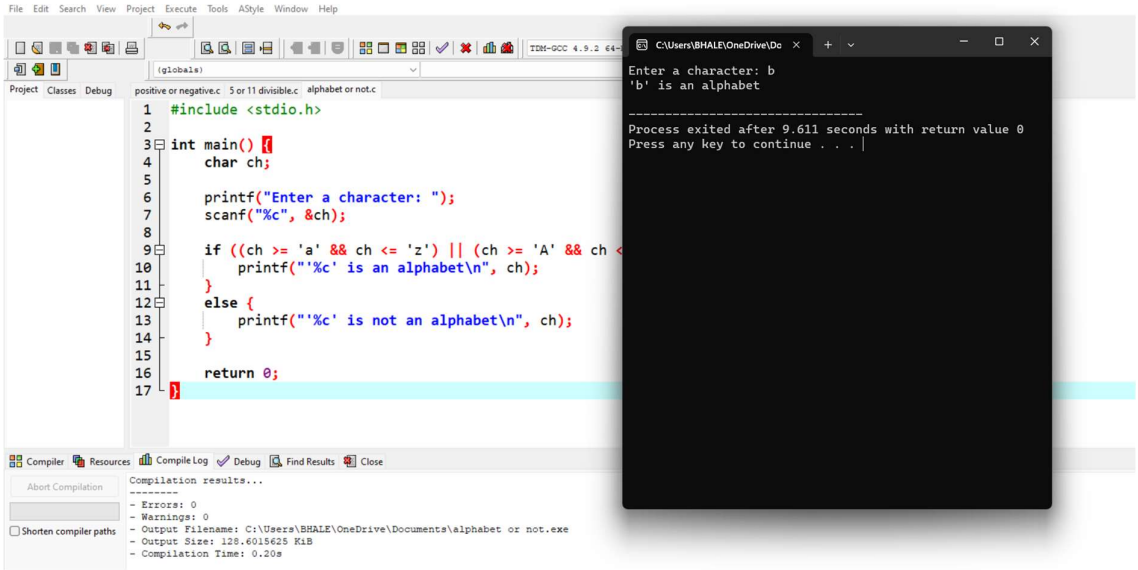
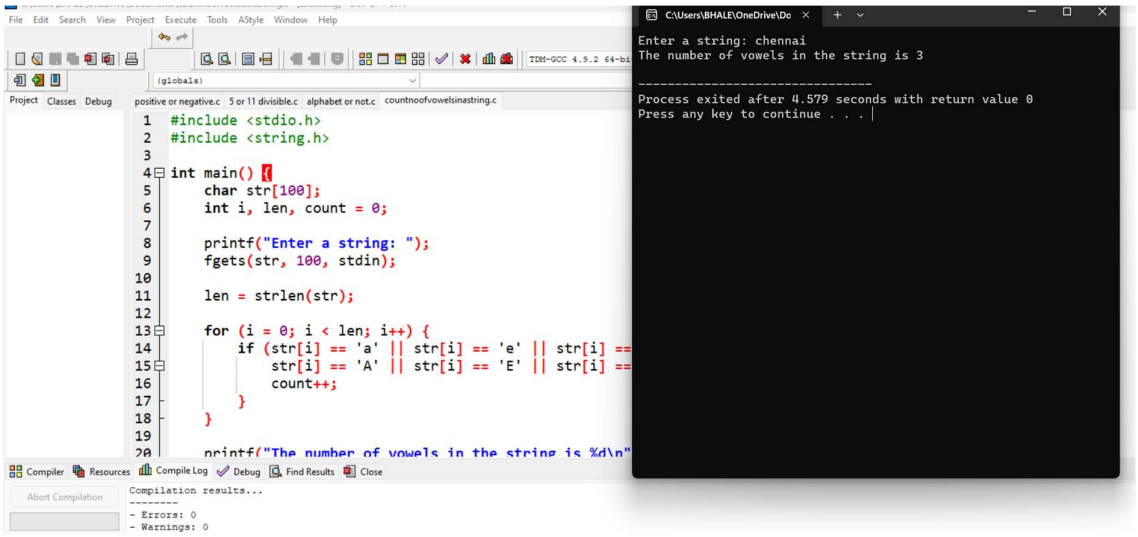

positive or negative.c
#include <stdio.h>
int main() {
int num;
printf("Enter a number: ");
scanf("%d", &num);
if (num > 0) {
printf("%d is positive\n", num);
}
else if (num < 0) {
printf("%d is negative\n", num);
}
else {
printf("The number is zero\n");
}
return 0;
}
C:\Users\BHALE\OneDrive\Do
Enter a number: 23
23 is positive
Process exited after 15.01 seconds with return value 0
Press any key to continue . . .
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\BHALE\OneDrive\Documents\positive or negative.exe
- Output Size: 128.79296875 KiB
- Compilation Time: 1.72s

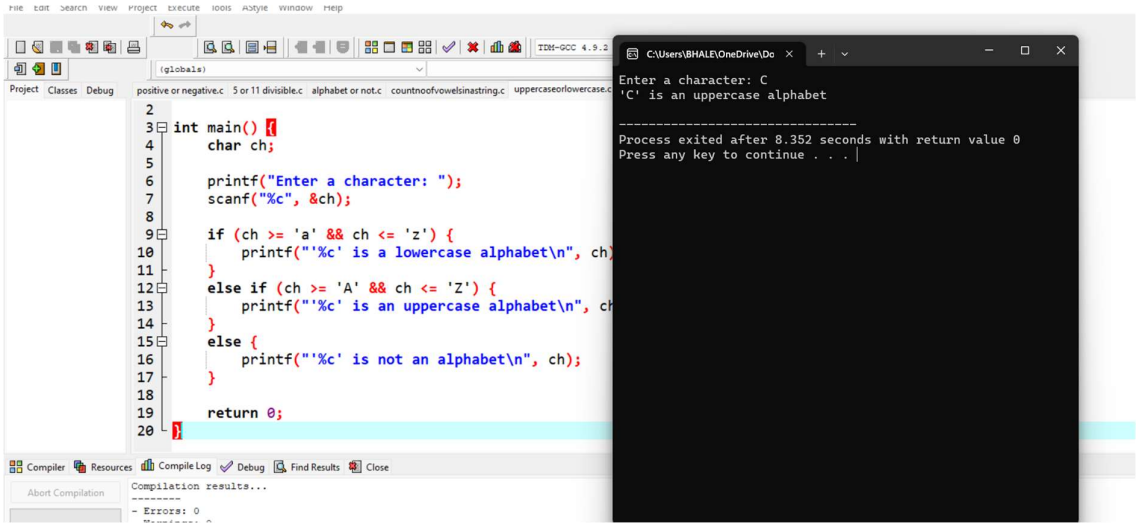

positive or negative.c
5 or 11 divisible.c
#include <stdio.h>
int main() {
int num;
printf("Enter a number: ");
scanf("%d", &num);
if (num % 5 == 0 && num % 11 == 0) {
printf("Number is divisible by 5 and 11\n");
}
else {
printf("Number is not divisible by 5 and 11\n");
}
return 0;
}
C:\Users\BHALE\OneDrive\Do
Enter a number: 55
Number is divisible by 5 and 11
Process exited after 8.635 seconds with return value 0
Press any key to continue . . .
Compilation results...
- Errors: 0


positive or negative.c
5 or 11 divisible.c
alphabet or not.c
#include <stdio.h>
int main() {
char ch;
printf("Enter a character: ");
scanf("%c", &ch);
if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <
printf("'%c' is an alphabet\n", ch);
}
else {
printf("'%c' is not an alphabet\n", ch);
}
return 0;
}
C:\Users\BHALE\OneDrive\Do
Enter a character: b
'b' is an alphabet
Process exited after 9.611 seconds with return value 0
Press any key to continue . . .
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\BHALE\OneDrive\Documents\alphabet or not.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.20s



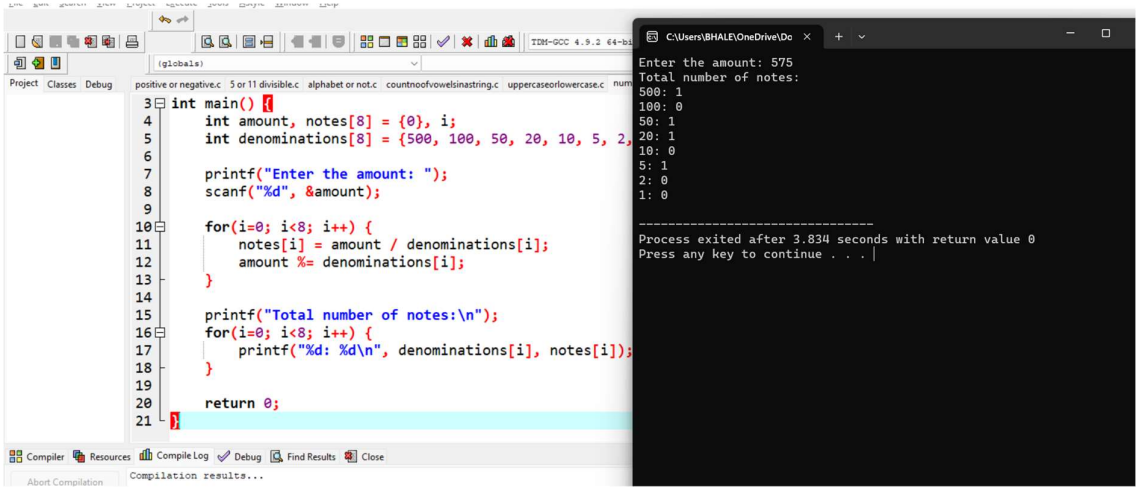
```c
#include <stdio.h>
#include <string.h>

int main() {
    char str[100];
    int i, len, count = 0;

    printf("Enter a string: ");
    fgets(str, 100, stdin);

    len = strlen(str);

    for (i = 0; i < len; i++) {
        if (str[i] == 'a' || str[i] == 'e' || str[i] ==
            str[i] == 'A' || str[i] == 'E' || str[i] ==
            count++;
        }
    }

    printf("The number of vowels in the string is %d\n"
```

```
C:\Users\BHALE\OneDrive\Do
Enter a string: chennai
The number of vowels in the string is 3

--------------------------------
Process exited after 4.579 seconds with return value 0
Press any key to continue . . .
```



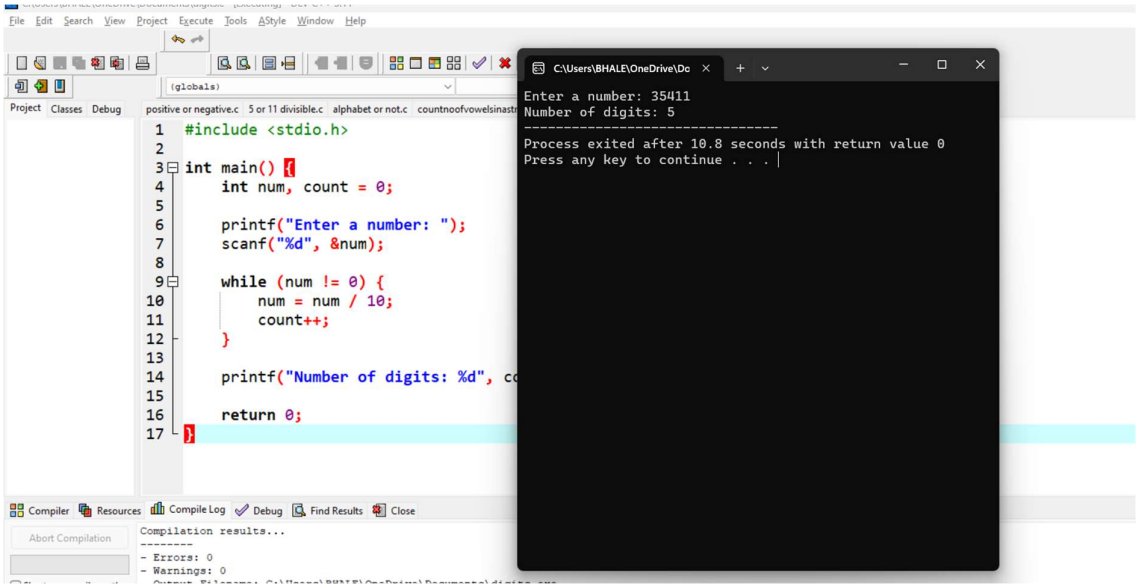
```c
int main() {
    char ch;

    printf("Enter a character: ");
    scanf("%c", &ch);

    if (ch >= 'a' && ch <= 'z') {
        printf("'%c' is a lowercase alphabet\n", ch);
    }
    else if (ch >= 'A' && ch <= 'Z') {
        printf("'%c' is an uppercase alphabet\n", ch
    }
    else {
        printf("'%c' is not an alphabet\n", ch);
    }

    return 0;
}
```

```
C:\Users\BHALE\OneDrive\Do
Enter a character: C
'C' is an uppercase alphabet

--------------------------------
Process exited after 8.352 seconds with return value 0
Press any key to continue . . .
```



```c
int main() {
    int amount, notes[8] = {0}, i;
    int denominations[8] = {500, 100, 50, 20, 10, 5, 2,

    printf("Enter the amount: ");
    scanf("%d", &amount);

    for(i=0; i<8; i++) {
        notes[i] = amount / denominations[i];
        amount %= denominations[i];
    }

    printf("Total number of notes:\n");
    for(i=0; i<8; i++) {
        printf("%d: %d\n", denominations[i], notes[i]);
    }

    return 0;
}
```

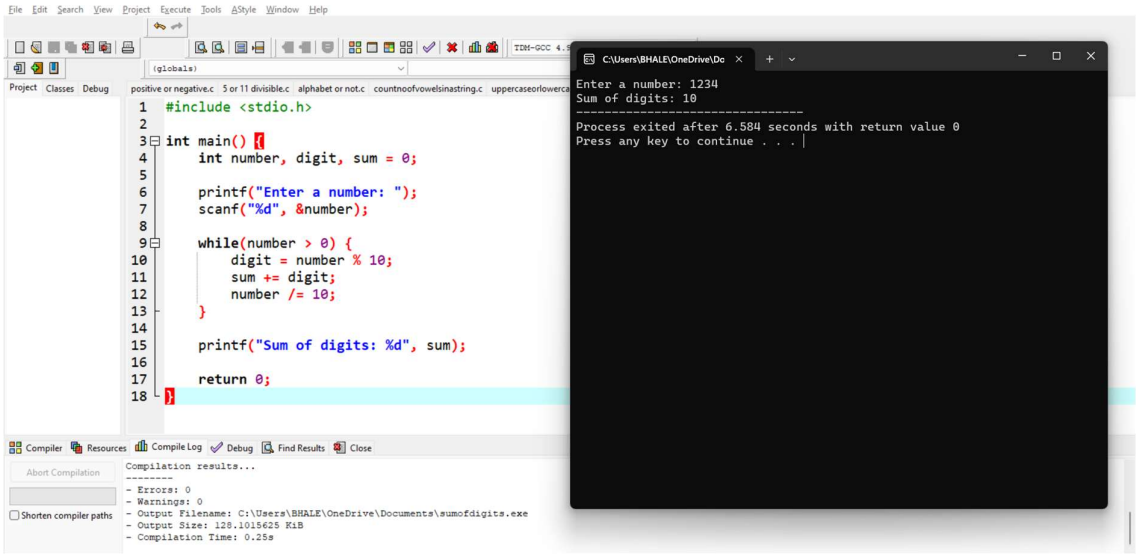
```
C:\Users\BHALE\OneDrive\Do
Enter the amount: 575
Total number of notes:
500: 1
100: 0
50: 1
20: 1
10: 0
5: 1
2: 0
1: 0

--------------------------------
Process exited after 3.834 seconds with return value 0
Press any key to continue . . .
```



```c
#include <stdio.h>

int main() {
    int num, count = 0;

    printf("Enter a number: ");
    scanf("%d", &num);

    while (num != 0) {
        num = num / 10;
        count++;
    }

    printf("Number of digits: %d", c

    return 0;
}
```

```
C:\Users\BHALE\OneDrive\Dc
Enter a number: 35411
Number of digits: 5
--------------------------------
Process exited after 10.8 seconds with return value 0
Press any key to continue . . .
```

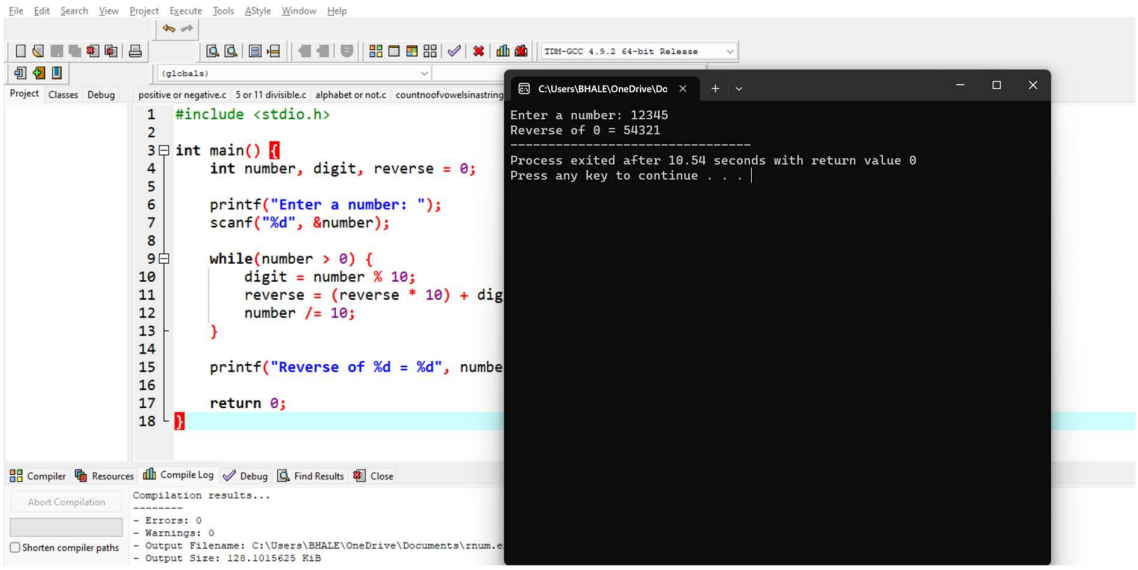
```
Compilation results...
--------
- Errors: 0
- Warnings: 0
```



```c
#include <stdio.h>

int main() {
    int number, digit, sum = 0;

    printf("Enter a number: ");
    scanf("%d", &number);

    while(number > 0) {
        digit = number % 10;
        sum += digit;
        number /= 10;
    }

    printf("Sum of digits: %d", sum);

    return 0;
}
```

```
C:\Users\BHALE\OneDrive\Dc
Enter a number: 1234
Sum of digits: 10
--------------------------------
Process exited after 6.584 seconds with return value 0
Press any key to continue . . .
```

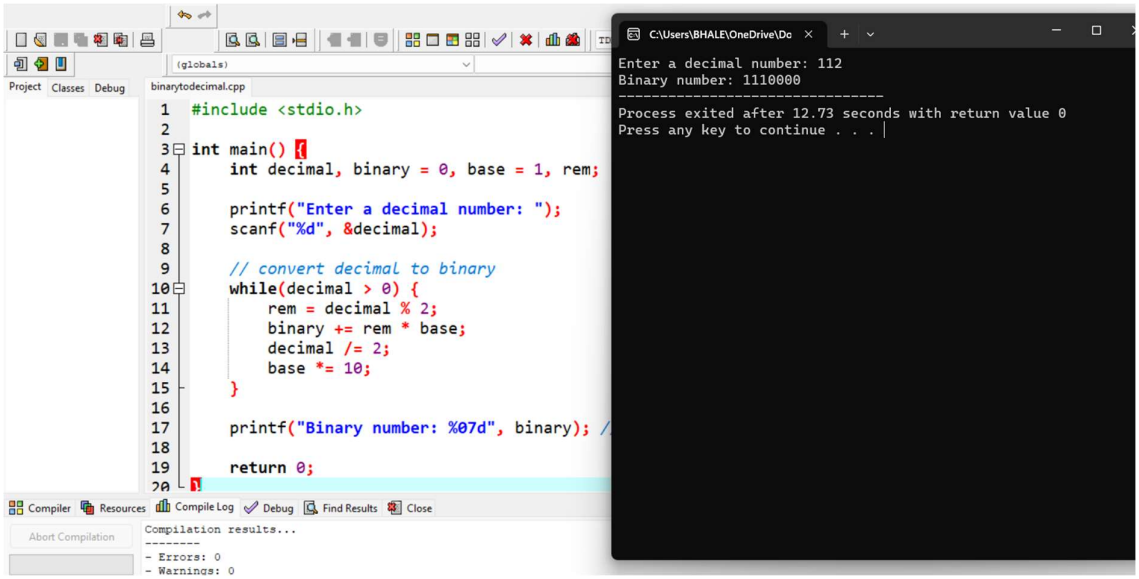
```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\BHALE\OneDrive\Documents\sumofdigits.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.25s
```



```c
#include <stdio.h>

int main() {
    int number, digit, reverse = 0;

    printf("Enter a number: ");
    scanf("%d", &number);

    while(number > 0) {
        digit = number % 10;
        reverse = (reverse * 10) + dig
        number /= 10;
    }

    printf("Reverse of %d = %d", numbe

    return 0;
}
```

```
C:\Users\BHALE\OneDrive\Dc
Enter a number: 12345
Reverse of 0 = 54321
--------------------------------
Process exited after 10.54 seconds with return value 0
Press any key to continue . . .
```

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\BHALE\OneDrive\Documents\rnum.e
- Output Size: 128.1015625 KiB
```


Project
Classes
Debug
(globals)
binarytodecimal.cpp
#include <stdio.h>
int main() {
int decimal, binary = 0, base = 1, rem;
printf("Enter a decimal number: ");
scanf("%d", &decimal);
// convert decimal to binary
while(decimal > 0) {
rem = decimal % 2;
binary += rem * base;
decimal /= 2;
base *= 10;
}
printf("Binary number: %07d", binary);
return 0;
Compiler
Resources
Compile Log
Debug
Find Results
Close
Abort Compilation
Compilation results...
- Errors: 0
- Warnings: 0
C:\Users\BHALE\OneDrive\Do
Enter a decimal number: 112
Binary number: 1110000
Process exited after 12.73 seconds with return value 0
Press any key to continue . . .