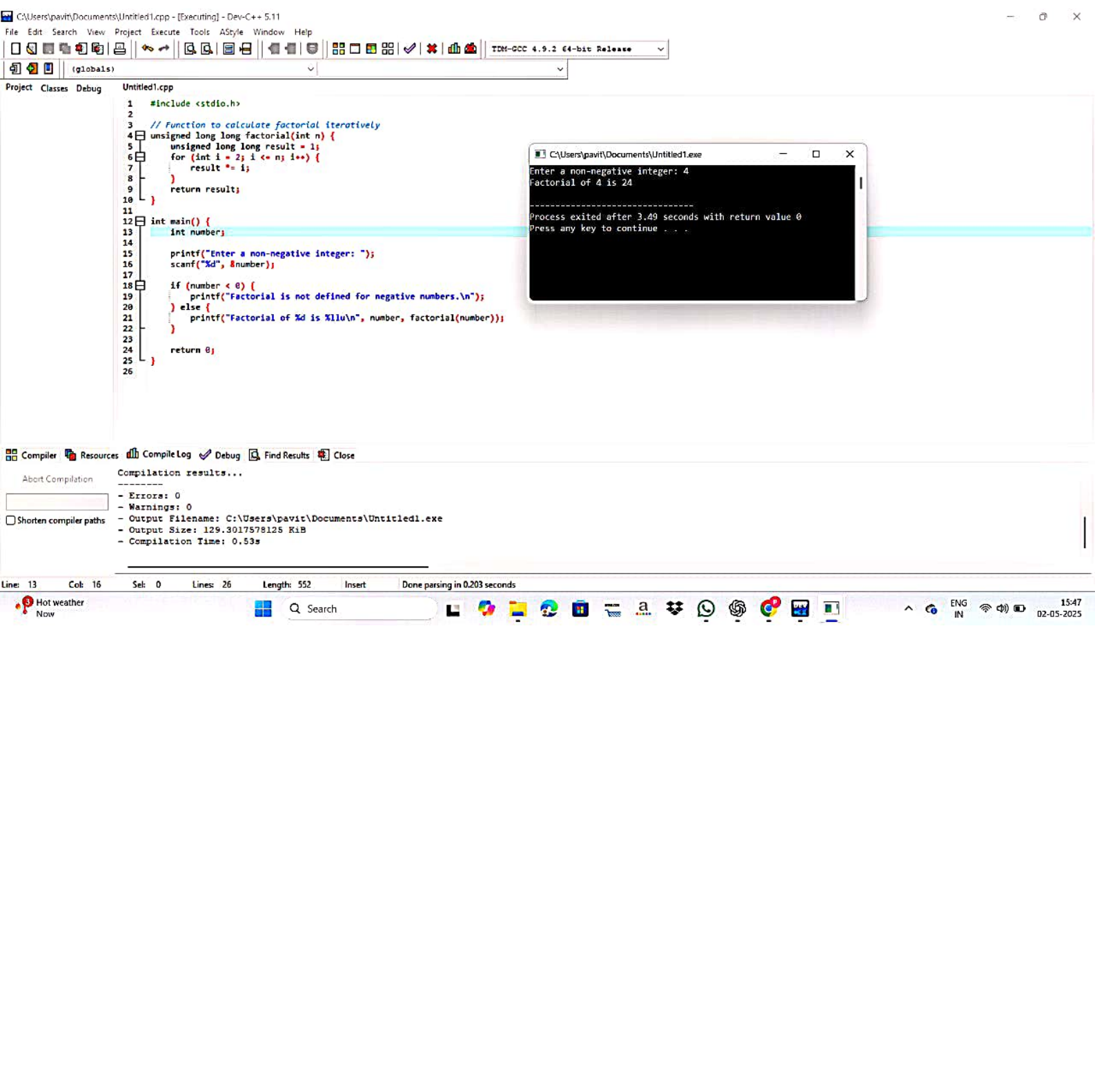
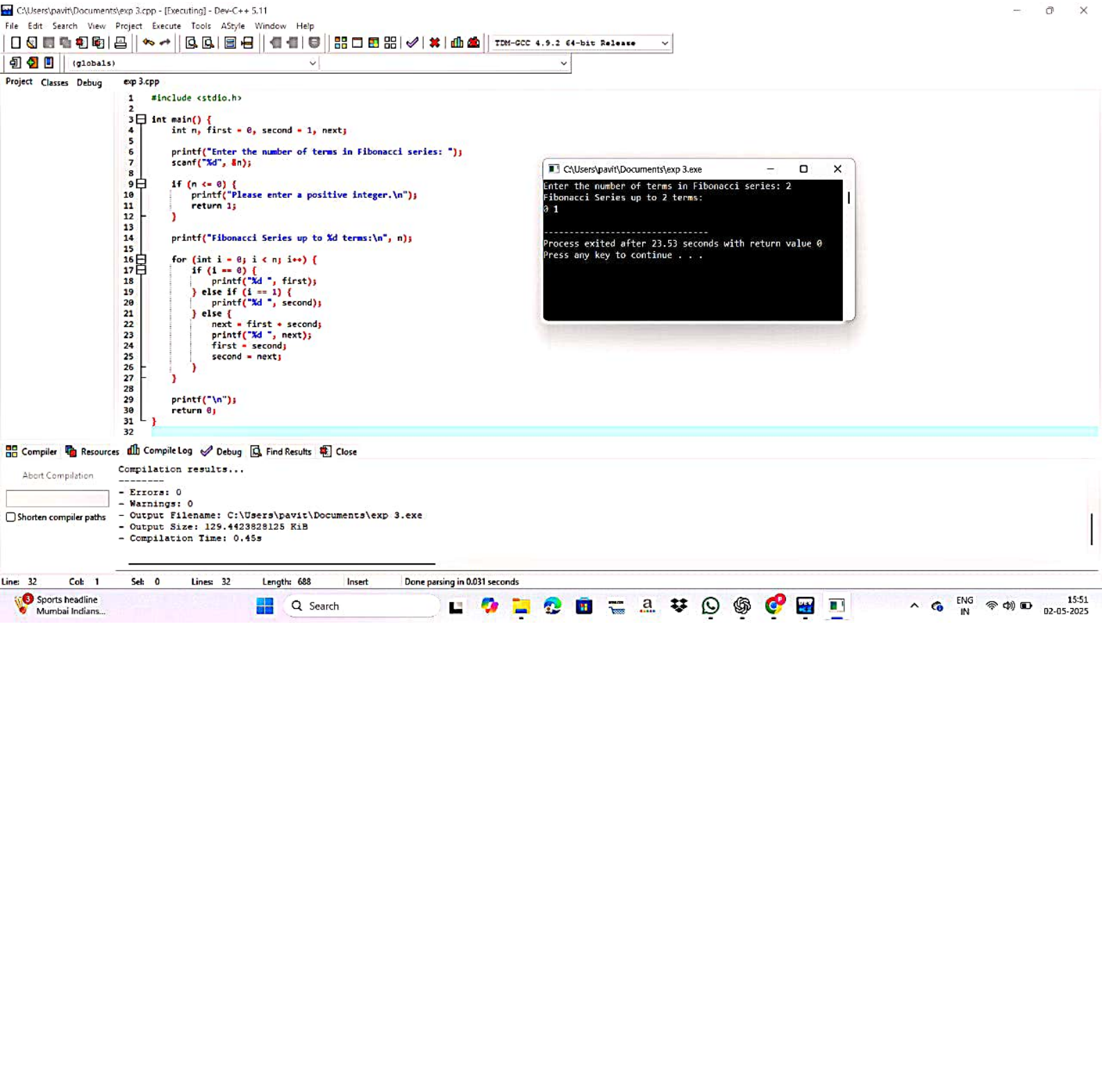
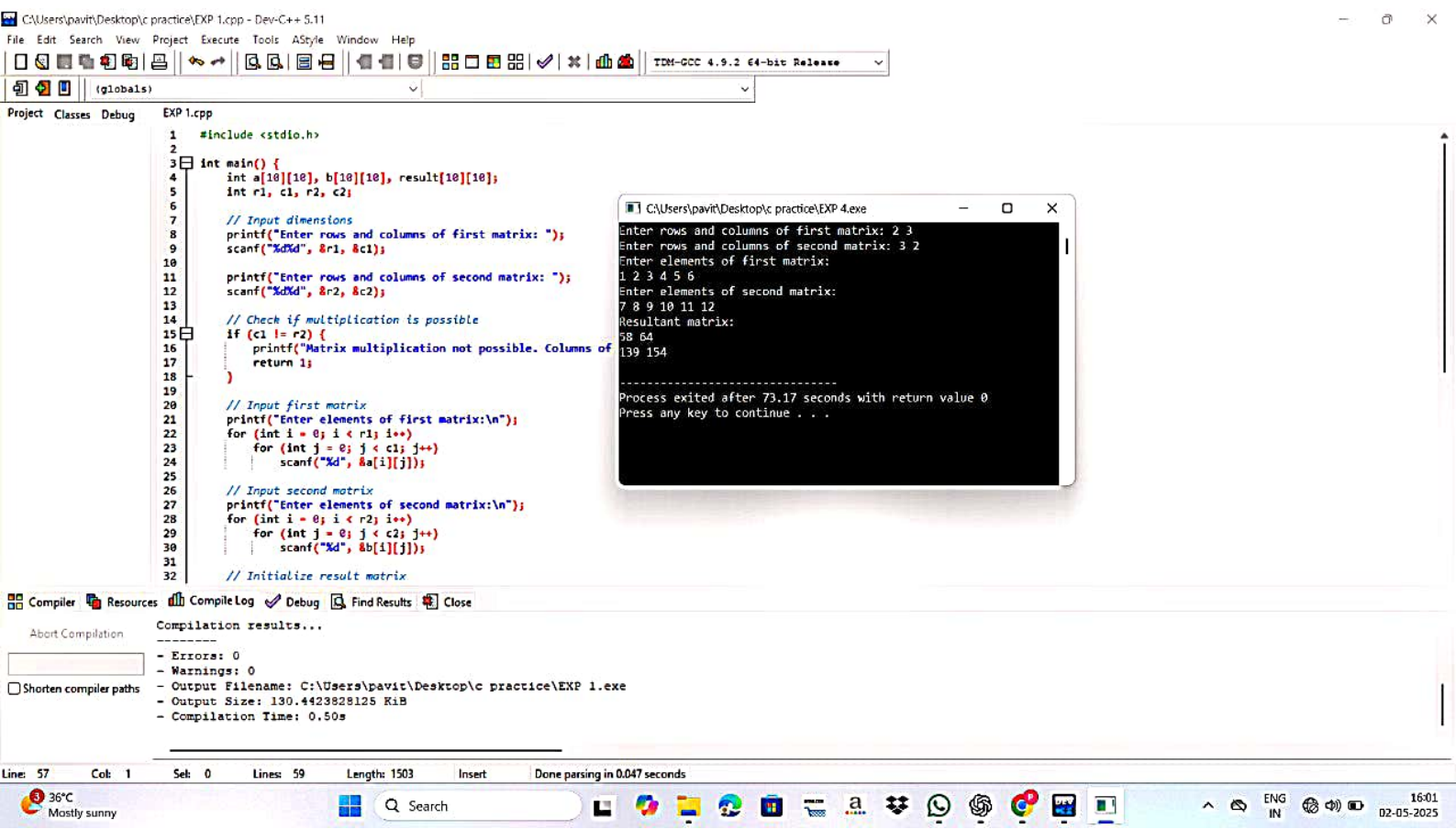
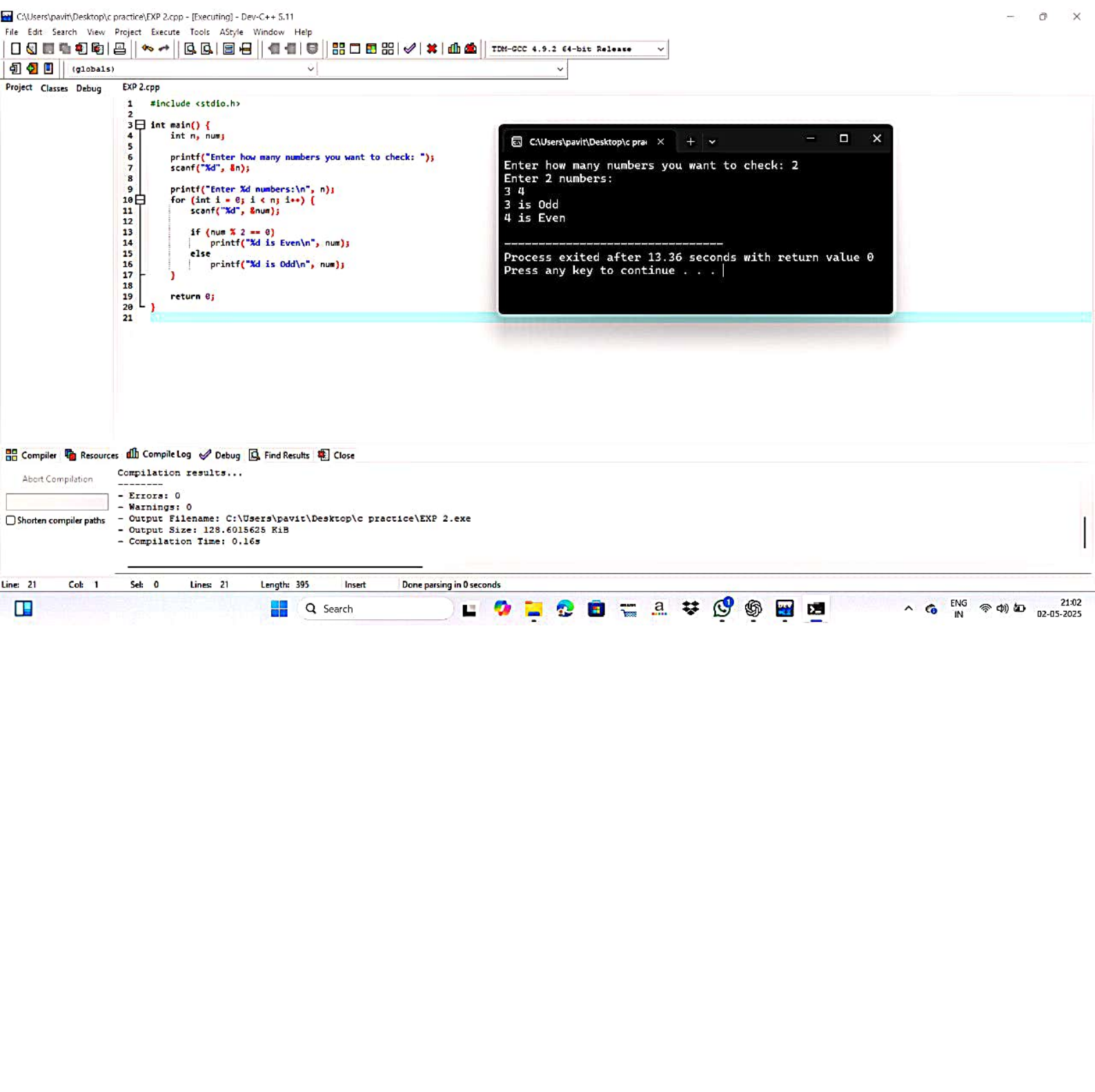

C:\Users\pavit\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
Untitled1.cpp
#include <stdio.h>
// Function to calculate factorial iteratively
unsigned long long factorial(int n) {
unsigned long long result = 1;
for (int i = 2; i <= n; i++) {
result *= i;
}
return result;
}
int main() {
int number;
printf("Enter a non-negative integer: ");
scanf("%d", &number);
if (number < 0) {
printf("Factorial is not defined for negative numbers.\n");
} else {
printf("Factorial of %d is %llu\n", number, factorial(number));
}
return 0;
}
C:\Users\pavit\Documents\Untitled1.exe
Enter a non-negative integer: 4
Factorial of 4 is 24
Process exited after 3.49 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Documents\Untitled1.exe
- Output Size: 129.3017578125 KiB
- Compilation Time: 0.53s
Line: 13 Col: 16 Sel: 0 Lines: 26 Length: 552 Insert Done parsing in 0.203 seconds
Hot weather Now
Search
ENG IN
15:47 02-05-2025

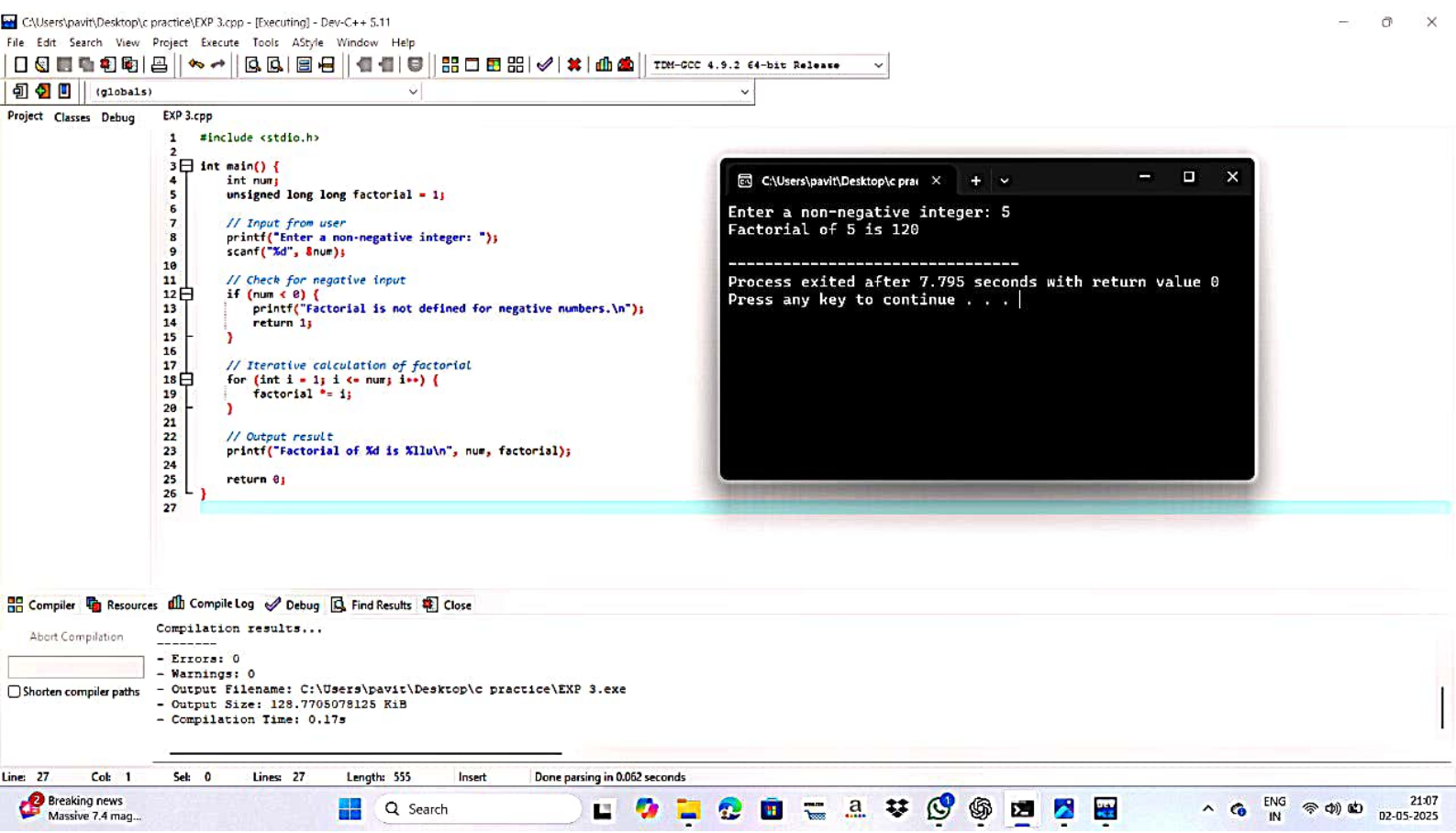

C:\Users\pavit\Documents\exp 3.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
exp 3.cpp
#include <stdio.h>
int main() {
int n, first = 0, second = 1, next;
printf("Enter the number of terms in Fibonacci series: ");
scanf("%d", &n);
if (n <= 0) {
printf("Please enter a positive integer.\n");
return 1;
}
printf("Fibonacci Series up to %d terms:\n", n);
for (int i = 0; i < n; i++) {
if (i == 0) {
printf("%d ", first);
} else if (i == 1) {
printf("%d ", second);
} else {
next = first + second;
printf("%d ", next);
first = second;
second = next;
}
}
printf("\n");
return 0;
}
C:\Users\pavit\Documents\exp 3.exe
Enter the number of terms in Fibonacci series: 2
Fibonacci Series up to 2 terms:
0 1
Process exited after 23.53 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Documents\exp 3.exe
- Output Size: 129.4423828125 KiB
- Compilation Time: 0.45s
Line: 32 Col: 1 Sel: 0 Lines: 32 Length: 688 Insert Done parsing in 0.031 seconds
Sports headline
Mumbai Indians...
Search
ENG
IN
15:51
02-05-2025

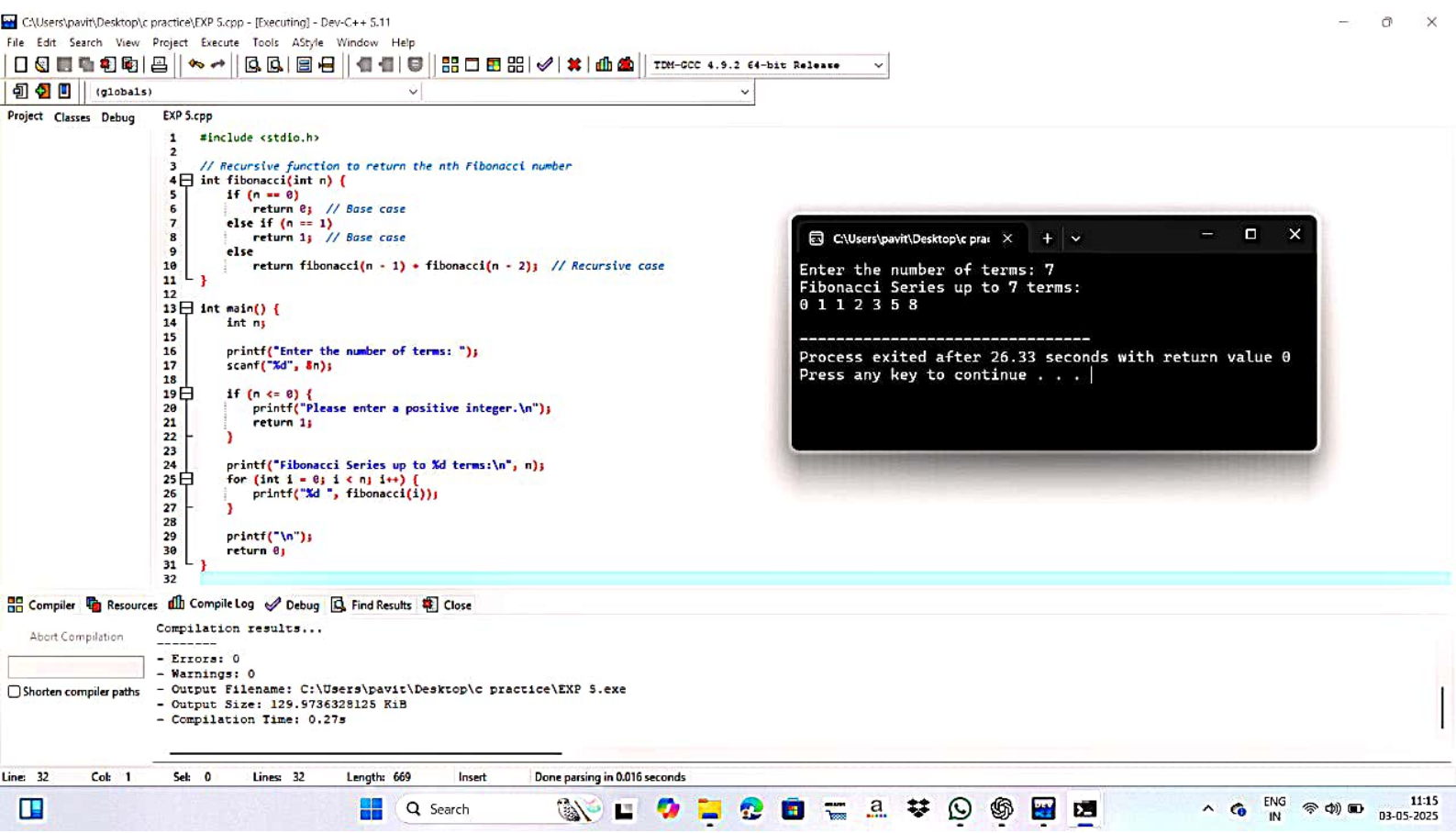

C:\Users\pavit\Desktop\c practice\EXP 1.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 1.cpp
#include <stdio.h>
int main() {
int a[10][10], b[10][10], result[10][10];
int r1, c1, r2, c2;
// Input dimensions
printf("Enter rows and columns of first matrix: ");
scanf("%d%d", &r1, &c1);
printf("Enter rows and columns of second matrix: ");
scanf("%d%d", &r2, &c2);
// Check if multiplication is possible
if (c1 != r2) {
printf("Matrix multiplication not possible. Columns of
return 1;
}
// Input first matrix
printf("Enter elements of first matrix:\n");
for (int i = 0; i < r1; i++)
for (int j = 0; j < c1; j++)
scanf("%d", &a[i][j]);
// Input second matrix
printf("Enter elements of second matrix:\n");
for (int i = 0; i < r2; i++)
for (int j = 0; j < c2; j++)
scanf("%d", &b[i][j]);
// Initialize result matrix
C:\Users\pavit\Desktop\c practice\EXP 4.exe
Enter rows and columns of first matrix: 2 3
Enter rows and columns of second matrix: 3 2
Enter elements of first matrix:
1 2 3 4 5 6
Enter elements of second matrix:
7 8 9 10 11 12
Resultant matrix:
58 64
139 154

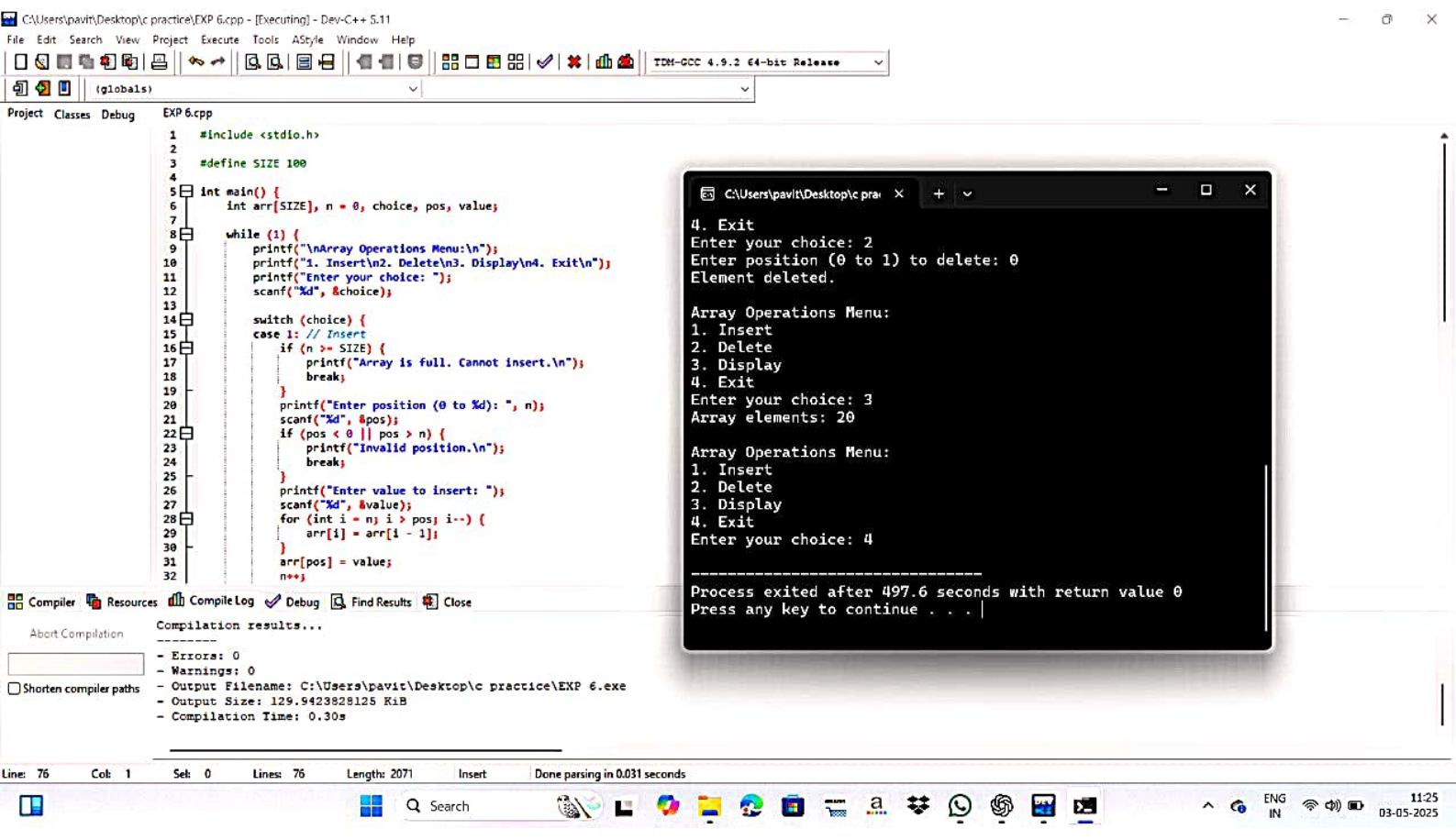
Process exited after 73.17 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 1.exe
- Output Size: 130.4423828125 KiB
- Compilation Time: 0.50s
Line: 57 Col: 1 Sel: 0 Lines: 59 Length: 1503 Insert Done parsing in 0.047 seconds
36°C
Mostly sunny
Search
ENG
IN
16:01
02-05-2025


C:\Users\pavit\Desktop\c practice\EXP 2.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 2.cpp
#include <stdio.h>
int main() {
int n, num;
printf("Enter how many numbers you want to check: ");
scanf("%d", &n);
printf("Enter %d numbers:\n", n);
for (int i = 0; i < n; i++) {
scanf("%d", &num);
if (num % 2 == 0)
printf("%d is Even\n", num);
else
printf("%d is Odd\n", num);
}
return 0;
}
C:\Users\pavit\Desktop\c pra
Enter how many numbers you want to check: 2
Enter 2 numbers:
3 4
3 is Odd
4 is Even
Process exited after 13.36 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 2.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.16s
Line: 21 Col: 1 Sel: 0 Lines: 21 Length: 395 Insert Done parsing in 0 seconds
Search
ENG IN
21:02 02-05-2025


C:\Users\pavit\Desktop\c practice\EXP 3.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 3.cpp
#include <stdio.h>
int main() {
int num;
unsigned long long factorial = 1;
// Input from user
printf("Enter a non-negative integer: ");
scanf("%d", &num);
// Check for negative input
if (num < 0) {
printf("Factorial is not defined for negative numbers.\n");
return 1;
}
// Iterative calculation of factorial
for (int i = 1; i <= num; i++) {
factorial *= i;
}
// Output result
printf("Factorial of %d is %llu\n", num, factorial);
return 0;
}
C:\Users\pavit\Desktop\c prac
Enter a non-negative integer: 5
Factorial of 5 is 120
Process exited after 7.795 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 3.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.17s
Line: 27 Col: 1 Sel: 0 Lines: 27 Length: 555 Insert Done parsing in 0.062 seconds
Breaking news
Massive 7.4 mag...
Search
ENG
IN
21:07
02-05-2025


C:\Users\pavit\Desktop\c practice\EXP 5.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 5.cpp
#include <stdio.h>
// Recursive function to return the nth Fibonacci number
int fibonacci(int n) {
if (n == 0)
return 0; // Base case
else if (n == 1)
return 1; // Base case
else
return fibonacci(n - 1) + fibonacci(n - 2); // Recursive case
}
int main() {
int n;
printf("Enter the number of terms: ");
scanf("%d", &n);
if (n <= 0) {
printf("Please enter a positive integer.\n");
return 1;
}
printf("Fibonacci Series up to %d terms:\n", n);
for (int i = 0; i < n; i++) {
printf("%d ", fibonacci(i));
}
printf("\n");
return 0;
}
C:\Users\pavit\Desktop\c prac
Enter the number of terms: 7
Fibonacci Series up to 7 terms:
0 1 1 2 3 5 8
Process exited after 26.33 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 5.exe
- Output Size: 129.9736328125 KiB
- Compilation Time: 0.27s
Line: 32 Col: 1 Sel: 0 Lines: 32 Length: 669 Insert Done parsing in 0.016 seconds
Search
ENG IN
11:15
03-05-2025

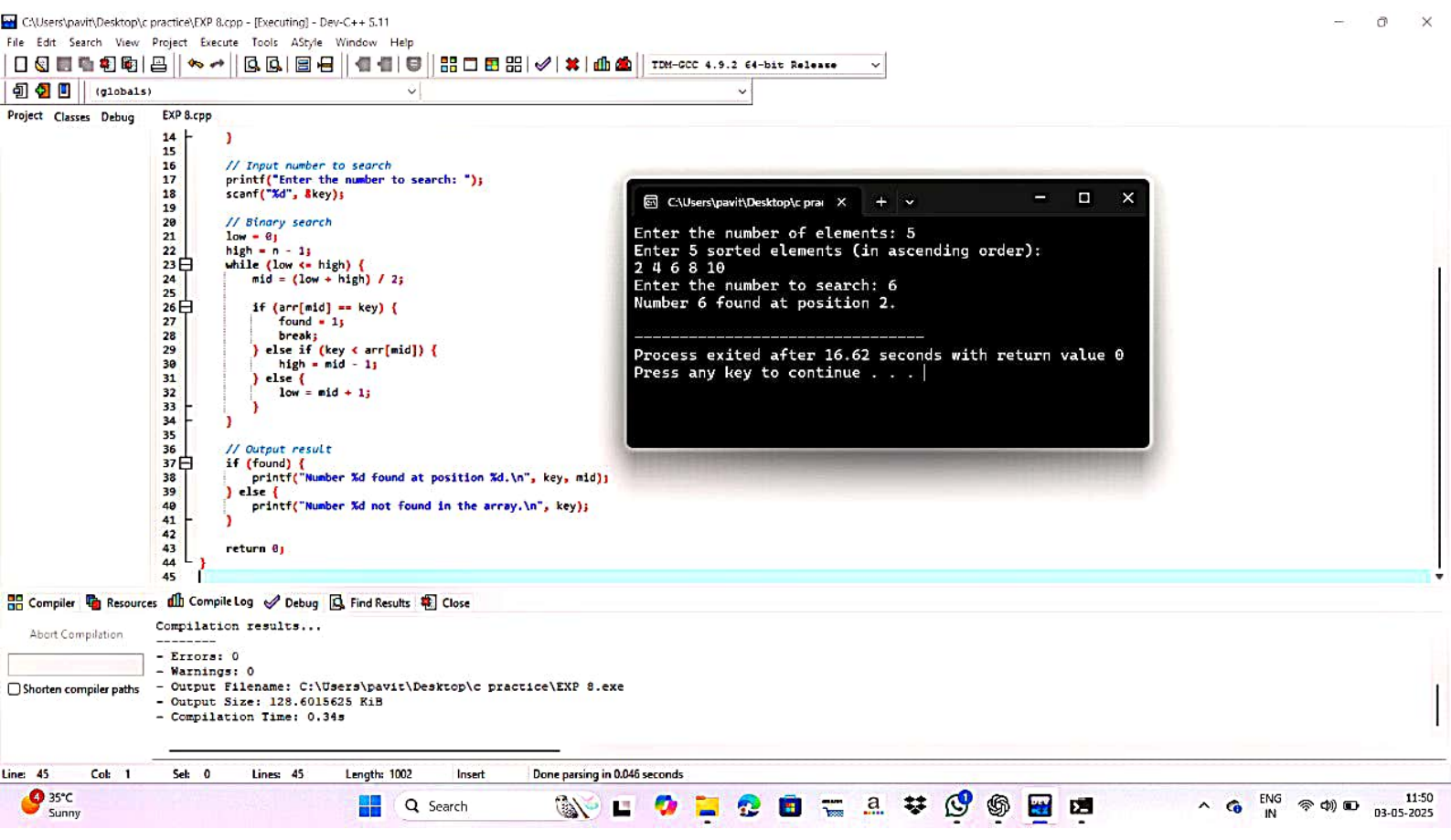

C:\Users\pavit\Desktop\c practice\EXP 6.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 6.cpp
#include <stdio.h>
#define SIZE 100
int main() {
int arr[SIZE], n = 0, choice, pos, value;
while (1) {
printf("\nArray Operations Menu:\n");
printf("1. Insert\n2. Delete\n3. Display\n4. Exit\n");
printf("Enter your choice: ");
scanf("%d", &choice);
switch (choice) {
case 1: // Insert
if (n >= SIZE) {
printf("Array is full. Cannot insert.\n");
break;
}
printf("Enter position (0 to %d): ", n);
scanf("%d", &pos);
if (pos < 0 || pos > n) {
printf("Invalid position.\n");
break;
}
printf("Enter value to insert: ");
scanf("%d", &value);
for (int i = n; i > pos; i--) {
arr[i] = arr[i - 1];
}
arr[pos] = value;
n++;
C:\Users\pavit\Desktop\c pra
4. Exit
Enter your choice: 2
Enter position (0 to 1) to delete: 0
Element deleted.
Array Operations Menu:
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 3
Array elements: 20
Array Operations Menu:
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 4
Process exited after 497.6 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 6.exe
- Output Size: 129.9423828125 KiB
- Compilation Time: 0.30s
Line: 76 Col: 1 Sel: 0 Lines: 76 Length: 2071 Insert Done parsing in 0.031 seconds
Search
ENG IN
11:25 03-05-2025

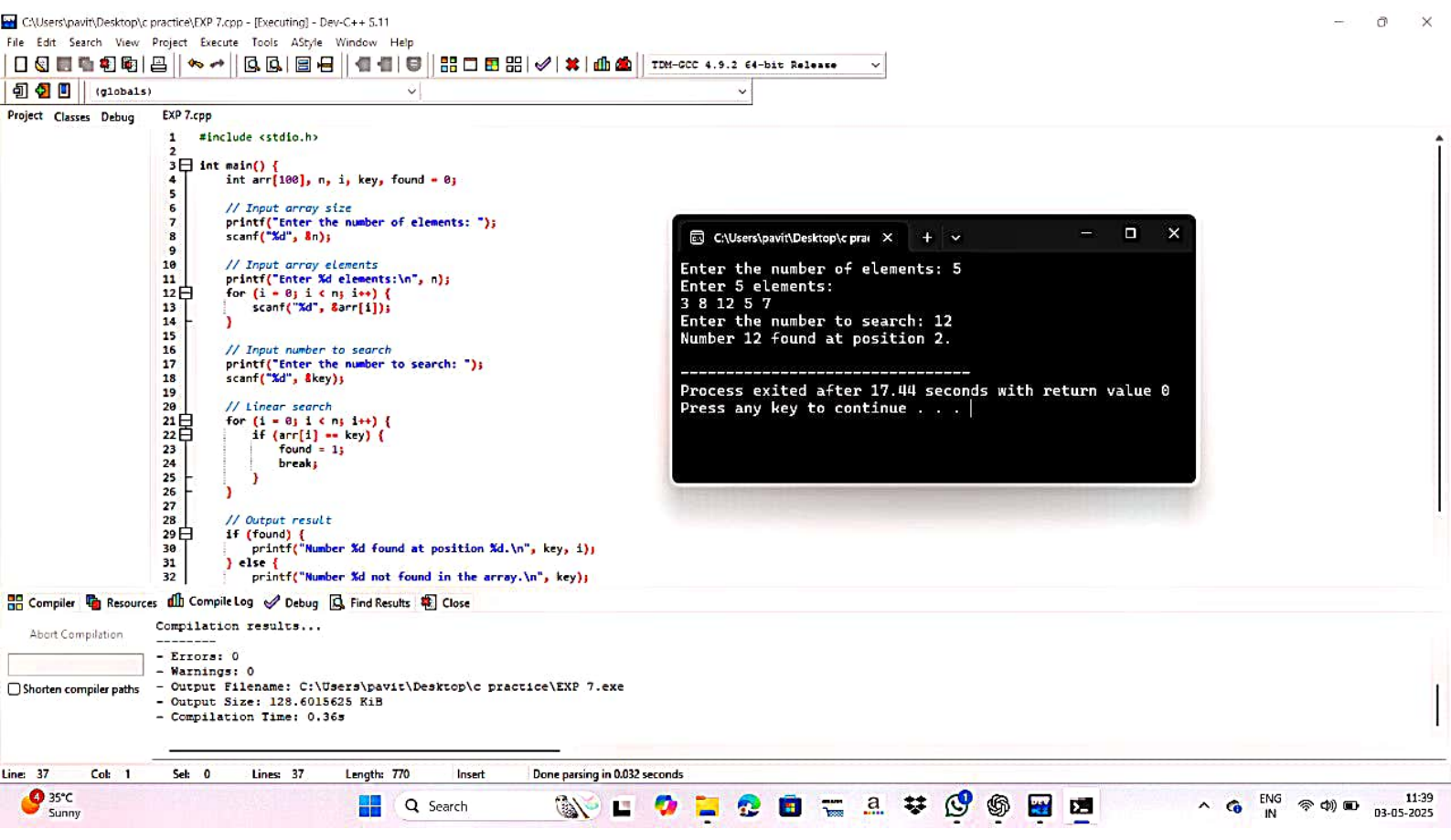
```c
#include <stdio.h>
#include <string.h>
#include <ctype.h>

#define MAX_WORDS 100
#define MAX_LEN 50

// A small dictionary of known words
const char *dictionary[] = {
    "the", "quick", "brown", "fox", "jumps", "over", "lazy",
    "hello", "world", "spell", "checker"
};

int dict_size = sizeof(dictionary) / sizeof(dictionary[0]);

// Convert word to lowercase
void toLowerCase(char *word) {
    for (int i = 0; word[i]; i++) {
        word[i] = tolower(word[i]);
    }
}

// Function to check if a word exists in the dictionary
int isWordCorrect(const char *word) {
    for (int i = 0; i < dict_size; i++) {
        if (strcmp(word, dictionary[i]) == 0) {
            return 1; // found
        }
    }
    return 0; // not found
}

```

```
C:\Users\pavit\Desktop\c pra

Enter a sentence: Enter a sentence: The quik brown fox jump over the lazi dog.

Spell Check Result:
'enter' is misspelled.
'a' is misspelled.
'sentence' is misspelled.
'the' is correct.
'quik' is misspelled.
'brown' is correct.
'fox' is correct.
'jump' is misspelled.
'over' is correct.
'the' is correct.
'lazi' is misspelled.
'dog' is correct.

--------------------------------
Process exited after 15.89 seconds with return value 0
Press any key to continue . . .
```

Compile Log | Debug | Find Results | Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\Untitled1.exe
- Output Size: 131.2568359375 KiB
- Compilation Time: 0.34s
```


C:\Users\pavit\Desktop\c practice\EXP 8.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 8.cpp
}
// Input number to search
printf("Enter the number to search: ");
scanf("%d", &key);
// Binary search
low = 0;
high = n - 1;
while (low <= high) {
mid = (low + high) / 2;
if (arr[mid] == key) {
found = 1;
break;
} else if (key < arr[mid]) {
high = mid - 1;
} else {
low = mid + 1;
}
}
// Output result
if (found) {
printf("Number %d found at position %d.\n", key, mid);
} else {
printf("Number %d not found in the array.\n", key);
}
return 0;
}
C:\Users\pavit\Desktop\c prac
Enter the number of elements: 5
Enter 5 sorted elements (in ascending order):
2 4 6 8 10
Enter the number to search: 6
Number 6 found at position 2.
Process exited after 16.62 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 8.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.34s
Line: 45 Col: 1 Sel: 0 Lines: 45 Length: 1002 Insert Done parsing in 0.046 seconds
35°C Sunny
Search
ENG IN
11:50 03-05-2025


C:\Users\pavit\Desktop\c practice\EXP 7.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
EXP 7.cpp
#include <stdio.h>
int main() {
int arr[100], n, i, key, found = 0;
// Input array size
printf("Enter the number of elements: ");
scanf("%d", &n);
// Input array elements
printf("Enter %d elements:\n", n);
for (i = 0; i < n; i++) {
scanf("%d", &arr[i]);
}
// Input number to search
printf("Enter the number to search: ");
scanf("%d", &key);
// Linear search
for (i = 0; i < n; i++) {
if (arr[i] == key) {
found = 1;
break;
}
}
// Output result
if (found) {
printf("Number %d found at position %d.\n", key, i);
} else {
printf("Number %d not found in the array.\n", key);
}
C:\Users\pavit\Desktop\c pra
Enter the number of elements: 5
Enter 5 elements:
3 8 12 5 7
Enter the number to search: 12
Number 12 found at position 2.
Process exited after 17.44 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\pavit\Desktop\c practice\EXP 7.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.36s
Line: 37 Col: 1 Sel: 0 Lines: 37 Length: 770 Insert Done parsing in 0.032 seconds
35°C Sunny
Search
ENG IN
11:39 03-05-2025