

C:\Users\abhigna\Documents\sum of diagonals in matrix.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug dynamic array.cpp dynamic 2D array.cpp add two matrices.cpp product of matrices.cpp sum of diagonals in matrix.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int matrix[3][3] = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
6      int sum = 0;
7      for (int i = 0; i < 3; i++)
8      {
9          sum += matrix[i][i];
10     }
11     for (int i = 0; i < 3; i++) {
12         sum += matrix[i][2 - i];
13     }
14     cout << "The sum of the diagonals is: " << sum << std::endl;
15     return 0;
16 }
17
18
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\sum of diagonals in matrix.exe
- Output Size: 1.83263874053955 MiB
- Compilation Time: 2.73s

Line: 4 Col: 1 Sel: 0 Lines: 18 Length: 375 Insert Done parsing in 0.188 seconds

C:\Users\abhigna\Documents\sum of diagonals in matrix.exe

The sum of the diagonals is: 30

Process exited after 0.2459 seconds with return value 0
Press any key to continue . . .

C:\Users\abhigna\Documents\dynamic 2D array.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2

(globals)

Project Classes Debug dynamic array.cpp dynamic 2D array.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int rows, cols;
6      cout << "Enter the number of rows: ";
7      cin >> rows;
8      cout << "Enter the number of columns: ";
9      cin >> cols;
10     int** dynamicArray = new int*[rows];
11     for (int i = 0; i < rows; i++)
12     {
13         dynamicArray[i] = new int[cols];
14     }
15     cout << "Enter " << rows * cols << " values for the 2D array: ";
16     for (int i = 0; i < rows; i++)
17     {
18         for (int j = 0; j < cols; j++)
19         {
20             cin >> dynamicArray[i][j];
21         }
22     }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\dynamic 2D array.exe
- Output Size: 1.83293151855469 MiB
- Compilation Time: 1.30s

Line: 37 Col: 1 Sel: 0 Lines: 39 Length: 914 Insert Done parsing in 0.047 seconds

Type here to search



English (United States)
US keyboard

To switch input methods, press
Windows key+Space.

14:23
11-01-2024

C:\Users\abhigna\Documents\sum of elements.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 class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp pascals triangle.cpp diamond.cpp reverse array.d

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int arr[]={4,5,6,7,9};
6     int size=sizeof(arr)/sizeof(arr[0]);
7     int sum = 0;
8     for (int i = 0; i < size; i++)
9     {
10         sum += arr[i];
11     }
12     cout << "The sum of all elements in the array is: " << sum << endl;
13     return 0;
14 }
```

C:\Users\abhigna\Documents\sum of elements.exe

The sum of all elements in the array is: 31

Process exited after 0.1886 seconds with return value 0

Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\sum of elements.exe
- Output Size: 1.83262825012207 MiB
- Compilation Time: 1.73s

Shorten compiler paths

Line: 9 Col: 6 Sel: 0 Lines: 14 Length: 308 Insert Done parsing in 0.047 seconds

Type here to search

09:59 10-01-2024

C:\Users\abhigna\Documents\dynamic array.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug

dynamic array.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main() {
4      int size;
5      cout << "Enter the size of the array: ";
6      cin >> size;
7      int* dynamicArray = new int[size];
8      cout << "Enter " << size << " values for the array: ";
9      for (int i = 0; i < size; i++)
10     {
11         cin >> dynamicArray[i];
12     }
13     cout << "The values in the array are: ";
14     for (int i = 0; i < size; i++)
15     {
16         cout << dynamicArray[i] << " ";
17     }
18     delete[] dynamicArray;
19     return 0;
20 }
21
```

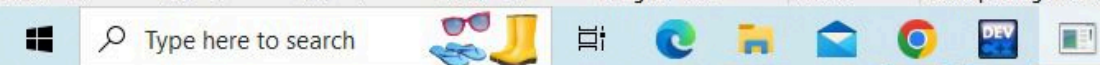
Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\dynamic array.exe
- Output Size: 1.83242321014404 MiB
- Compilation Time: 8.05s

Line: 19 Col: 1 Sel: 0 Lines: 21 Length: 504 Insert Done parsing in 3.469 seconds



C:\Users\abhigna\Documents\dynamic array.exe

```
Enter the size of the array: 4
Enter 4 values for the array: 9
8
6
7
The values in the array are: 9 8 6 7
-----
Process exited after 16.65 seconds with return value 0
Press any key to continue . . .
```



(globals)

Project Classes Debug dynamic array.cpp dynamic 2D array.cpp add two matrices.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main() {
4      int matrix1[2][2] = {{1, 2}, {3, 4}};
5      int matrix2[2][2] = {{5, 6}, {1, 3}};
6      int sumMatrix[2][2];
7      for (int i = 0; i < 2; i++)
8      {
9          for (int j = 0; j < 2; j++)
10         {
11             sumMatrix[i][j] = matrix1[i][j] + matrix2[i][j];
12         }
13     }
14     cout << "The sum of the matrices is: \n";
15     for (int i = 0; i < 2; i++)
16     {
17         for (int j = 0; j < 2; j++)
18         {
19             cout << sumMatrix[i][j] << " ";
20         }
21         cout << "\n";
22     }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\add two matrices.exe
- Output Size: 1.83244323730469 MiB
- Compilation Time: 1.31s
```

Line: 5 Col: 39 Sel: 0 Lines: 26 Length: 571 Insert Done parsing in 0.156 seconds

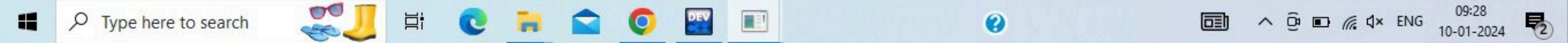


Type here to search



14:27

66% available (plugged in) 24



C:\Users\abhigna\Documents\insert at position.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 class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp pascals triangle.cpp diamond.cpp

```
11 {
12     cin >> arr[i];
13 }
14 cout << "Enter the element to insert: ";
15 cin >> element;
16 cout << "Enter the position to insert (0-based index): ";
17 cin >> position;
18 for (int i = size - 1; i >= position; i--)
19 {
20     arr[i + 1] = arr[i];
21 }
22 arr[position] = element;
23 cout << "Array after insertion: ";
24 for (int i = 0; i <= size; i++)
25 {
26     cout << arr[i] << " ";
27 }
28 cout << endl;
29 return 0;
30 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\insert at position.exe
- Output Size: 1.83311939239502 MiB
- Compilation Time: 1.92s
```

Line: 29 Col: 1 Sel: 0 Lines: 30 Length: 730 Insert Done parsing in 0.047 seconds

C:\Users\abhigna\Documents\insert at position.exe

```
Enter the size of the array: 4
Enter the elements of the array: 9
8
7
6
Enter the element to insert: 2
Enter the position to insert (0-based index): 2
Array after insertion: 9 8 2 7 6

-----
Process exited after 13.43 seconds with return value 0
Press any key to continue . . .
```

10 January 2024
Wednesday

09:47
10-01-2024

C:\Users\abhigna\Documents\merge.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug

class subjects.cpp unknown class.cpp info class

delete element at position.cpp sum of elements.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a[5]={3,2,1,4,5};
6     int b[5]={9,8,6,7,0};
7     int c[10];
8     for(int i=0;i<=4;i++)
9     {
10         cout<<"\n"<<a[i];
11     }
12     for(int i=0;i<=4;i++)
13     {
14         cout<<"\n"<<b[i];
15     }
16     for(int i=0;i<=4;i++)
17     {
18         c[i]=a[i];
19     }
20     for(int i=0,k=5;k<=10&& i<5;i++,k++)
21     {
```

C:\Users\abhigna\Documents\merge.exe

Process exited after 0.2285 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\merge.exe
- Output Size: 1.83193492889404 MiB
- Compilation Time: 1.78s

Line: 11 Col: 6 Sel: 0 Lines: 25 Length: 404 Insert Done parsing in 0.031 seconds

Type here to search

Show hidden icons

10:55 10-01-2024

C:\Users\abhigna\Documents\occurence of value.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 class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp pascals triangle.cpp diamond.cpp reverse array.cpp insert at position.cpp
delete element at position.cpp sum of elements.cpp avg of array elements.cpp second largest.cpp occurence of value.cpp

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int value, count = 0;
7     int arr[]={2,2,3,4,5,2,9};
8     int n=sizeof(arr)/sizeof(arr[0]);
9     cout << "Enter the value to count: ";
10    cin >> value;
11    for (int i = 0; i < n; i++)
12    {
13        if (arr[i] == value)
14        {
15            count++;
16        }
17    }
18    cout << "The number of occurrences of " << value;
19    return 0;
20 }
21
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\occurence of
- Output Size: 1.83263111114502 MiB
- Compilation Time: 1.99s

C:\Users\abhigna\Documents\occurence of value.exe

```
Enter the value to count: 2
The number of occurrences of 2 in the array is: 3
-----
Process exited after 9.714 seconds with return value 0
Press any key to continue . . .
```

Line: 8 Col: 9 Sel: 0 Lines: 21 Length: 451 Insert Done parsing in 0.015 seconds

2 new notifications

C:\Users\abhigna\Documents\pascals triangle.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int rows;
6      cout << "Enter the number of rows: ";
7      cin >> rows;
8      for (int i = 0; i < rows; i++)
9      {
10         int number = 1;
11         for (int j = 0; j <= i; j++)
12         {
13             cout << number << " ";
14             number = number * (i - j) / (j + 1);
15         }
16         cout << endl;
17     }
18     return 0;
19 }
20
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\pascals triangle.exe
- Output Size: 1.83262920379639 MiB
- Compilation Time: 2.16s
```

Line: 2 Col: 10 Sel: 0 Lines: 20 Length: 396 Insert Done parsing in 0.031 seconds

C:\Users\abhigna\Documents\pascals triangle.exe

Enter the number of rows: 4

```
1
1 1
1 2 1
1 3 3 1
```

Process exited after 8.061 seconds with return value 0
Press any key to continue . . .

C:\Users\abhigna\Documents\product of matrices.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 dynamic array.cpp dynamic 2D array.cpp add two matrices.cpp product of matrices.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int matrix1[2][2] = {{1, 2}, {4, 5}};
6     int matrix2[2][2] = {{9, 8}, {6, 5}};
7     int productMatrix[2][2];
8     for (int i = 0; i < 2; i++)
9     {
10         for (int j = 0; j < 2; j++)
11         {
12             productMatrix[i][j] = 0;
13             for (int k = 0; k < 2; k++)
14             {
15                 productMatrix[i][j] += matrix1[i][k] * matrix2[k][j];
16             }
17         }
18     }
19     cout << "The product of the matrices is: \n";
20     for (int i = 0; i < 2; i++)
21     {
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\product of matrices.exe
- Output Size: 1.83293437957764 MiB
- Compilation Time: 1.30s

Line: 6 Col: 31 Sel: 0 Lines: 30 Length: 690 Insert Done parsing in 0.031 seconds

C:\Users\abhigna\Documents\product of matrices.exe

The product of the matrices is:

21 18
66 57

Process exited after 0.2133 seconds with return value 0
Press any key to continue . . .

C:\Users\abhigna\Documents\reverse array.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug

class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int size;
6      cout << "Enter the size of the array: ";
7      cin >> size;
8      int arr[size];
9      cout << "Enter the elements of the array: ";
10     for (int i = 0; i < size; i++)
11     {
12         cin >> arr[i];
13     }
14     cout << "Original array: ";
15     for (int i = 0; i < size; i++)
16     {
17         cout << arr[i] << " ";
18     }
19     cout << endl;
20     cout << "Reversed array: ";
21     for (int i = size - 1; i >= 0; i--)
22     {
23         cout << arr[i] << " ";
24     }
25     cout << endl;
26     return 0;
}
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\reverse array.exe
- Output Size: 1.83309745788574 MiB
- Compilation Time: 1.91s
```

Line: 3 Col: 1 Sel: 0 Lines: 28 Length: 568 Insert Done parsing in 0.062 seconds



Type here to search



Meet Now

ENG

09:36
10-01-2024



C:\Users\abhigna\Documents\avg of array elements.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 class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp pascals triangle.cpp

delete element at position.cpp

sum of elements.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int arr[]={4,5,6,7,9};
6     int n=sizeof(arr)/sizeof(arr[0]);
7     int sum = 0;
8     float avg;
9     for (int i = 0; i < n; i++)
10    {
11        sum += arr[i];
12    }
13    avg=float(sum)/n;
14    cout << "The sum of all elements in the array is: " << sum << endl;
15    cout << "The average of all elements in the array is:" << avg << endl;
16    return 0;
17 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\avg of array elements.exe
- Output Size: 1.83263397216797 MiB
- Compilation Time: 1.97s

Line: 13 Col: 22 Sel: 0 Lines: 17 Length: 413 Insert Done parsing in 0.156 seconds



Type here to search



Meet Now

ENG

10:05
10-01-2024



C:\Users\abhigna\Documents\second largest.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp delete element at position.cpp sum of elements.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int arr[]={4,7,8,9,10};
6     int n=sizeof(arr)/sizeof(arr[0]);
7     int largest = arr[0];
8     int secondLargest = arr[0];
9     for (int i = 1; i < n; i++)
10    {
11        if (arr[i] > largest)
12        {
13            secondLargest = largest;
14            largest = arr[i];
15        } else if (arr[i] > secondLargest && arr[i] != largest)
16        {
17            secondLargest = arr[i];
18        }
19    }
20    cout << "The second largest element in the array is: " << se
21    return 0;
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Shorten compiler paths

Compilation results...

- Errors: 0

- Warnings: 0

- Output Filename: C:\Users\abhigna\Documents\second largest.exe

- Output Size: 1.83260917663574 MiB

- Compilation Time: 1.77s

Line: 6 Col: 9 Sel: 0 Lines: 22 Length: 561 Insert Done parsing in 0.016 seconds

C:\Users\abhigna\Documents\second largest.exe

The second largest element in the array is: 9

Process exited after 0.2179 seconds with return value 0

Press any key to continue . . .

C:\Users\abhigna\Documents\delete element at position.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 class subjects.cpp unknown class.cpp info class.cpp printnum class.cpp pascals triangle.cpp diamond.cpp

```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int size, position;
6      cout << "Enter the size of the array: ";
7      cin >> size;
8      int arr[size];
9      cout << "Enter the elements of the array: ";
10     for (int i = 0; i < size; i++)
11     {
12         cin >> arr[i];
13     }
14     cout << "Enter the position to delete (0-based index): ";
15     cin >> position;
16     for (int i = position; i < size - 1; i++)
17     {
18         arr[i] = arr[i + 1];
19     }
20     size--;
21     cout << "Array after deletion: ";
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\delete element at position.exe
- Output Size: 1.83312702178955 MiB
- Compilation Time: 3.22s

Line: 4 Col: 1 Sel: 0 Lines: 30 Length: 639 Insert Done parsing in 0.234 seconds

C:\Users\abhigna\Documents\delete element at position.exe

```
Enter the size of the array: 5
Enter the elements of the array: 9
8
7
6
5
Enter the position to delete (0-based index): 2
Array after deletion: 9 8 6 5

-----
Process exited after 21.86 seconds with return value 0
Press any key to continue . . .
```