

```
main.c x
1  #include <stdio.h>
2
3  int main() {
4      int a[100], n, i, pos, val;
5
6      printf("Enter size: ");
7      scanf("%d", &n);
8      printf("Enter elements:\n");
9      for(i = 0; i < n; i++)
10         scanf("%d", &a[i]);
11
12     printf("Insert pos & val: ");
13     scanf("%d %d", &pos, &val);
14     for(i = n; i > pos; i--)
15         a[i] = a[i - 1];
16     a[pos] = val;
17     n++;
18
19     printf("After insertion: ");
20     for(i = 0; i < n; i++)
21         printf("%d ", a[i]);
22     printf("\n");
23
24     printf("Delete pos: ");
25     scanf("%d", &pos);
26     for(i = pos; i < n - 1; i++)
27         a[i] = a[i + 1];
28     n--;
29
30     printf("After deletion: ");
31     for(i = 0; i < n; i++)
```

```
C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe
Enter size: 4
Enter elements:
43
45
76
Insert pos & val: 2
78
After insertion: 12 43 78 45 76
Delete pos: 4
After deletion: 12 43 78 45

Process returned 0 (0x0)   execution time : 11.894 s
Press any key to continue.
```

```
Code::Blocks x Search results x Cccc x
Checking for existence: C:\Users\hi\OneDrive\Desktop\
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinG
\Program Files (x86)\Common Files\Oracle\Java\javapac
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_as
Executing: "C:\Program Files\CodeBlocks\cb_console_ru
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c

main.c [2wer] - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Debug

<global>

S C

Management

Projects Files FSy

Workspace

2wer

Sources

main.c

main.c x

```
1 #include <stdio.h>
2
3 int fact(int n) {
4     if(n == 0) return 1;
5     return n * fact(n - 1);
6 }
7
8 int main() {
9     int n;
10    printf("Enter a number: ");
11    scanf("%d", &n);
12    printf("Factorial = %d\n", fact(n));
13    return 0;
14 }
15
```

Logs & others

Code::Blocks Search results Cccc

Checking for existence: C:\Users\hi\OneDrive\Desktop\...
Set variable: PATH=.;C:\Program Files\CodeBlocks\Min...
\Program Files (x86)\Common Files\Oracle\Java\javap...
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim...
Executing: "C:\Program Files\CodeBlocks\cb_console_...

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe

Enter a number: 6
Factorial = 720

Process returned 0 (0x0) execution time : 1.719 s
Press any key to continue.

Type here to search



NIFTY +0.54%

ENG 2:26 PM
IN 5/5/2025



```
1  #include <stdio.h>
2
3  int main() {
4      int n, i, fact = 1;
5      printf("Enter a number: ");
6      scanf("%d", &n);
7      for(i = 1; i <= n; i++)
8          fact *= i;
9      printf("Factorial = %d\n", fact);
10     return 0;
11 }
12
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe

Enter a number: 5

Factorial = 120

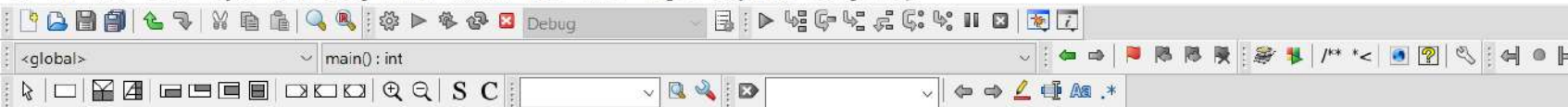
Process returned 0 (0x0) execution time : 1.408 s

Press any key to continue.

Logs & others

```
Code::Blocks x Search results x Cccc x
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Program Files\Java\jre6\bin;C:\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_10.1\bin;C:\Program Files\CodeBlocks\cb_console_2.0.0\bin
Executing: "C:\Program Files\CodeBlocks\cb_console_2.0.0\bin\cb_console_2.0.0.exe" C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c



```
1  #include <stdio.h>
2
3  int main() {
4      int a[10][10], b[10][10], c[10][10], r1, c1, r2, c2;
5
6      printf("Enter rows and columns of first matrix: ");
7      scanf("%d%d", &r1, &c1);
8      printf("Enter rows and columns of second matrix: ");
9      scanf("%d%d", &r2, &c2);
10
11     if (c1 != r2) {
12         printf("Matrix multiplication not possible.\n");
13         return 0;
14     }
15
16     printf("Enter elements of first matrix:\n");
17     for (int i = 0; i < r1; i++)
18         for (int j = 0; j < c1; j++)
19             scanf("%d", &a[i][j]);
20
21     printf("Enter elements of second matrix:\n");
22     for (int i = 0; i < r2; i++)
23         for (int j = 0; j < c2; j++)
24             scanf("%d", &b[i][j]);
25
26     for (int i = 0; i < r1; i++)
27         for (int j = 0; j < c2; j++) {
28             c[i][j] = 0;
29             for (int k = 0; k < c1; k++)
30                 c[i][j] += a[i][k] * b[k][j];
31         }
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\2wer\bin\Debug\2wer.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:

1

2

3

4

5

6

Resultant matrix:

22 28

49 64

Process returned 0 (0x0) execution time : 11.884 s
Press any key to continue.

Logs & others

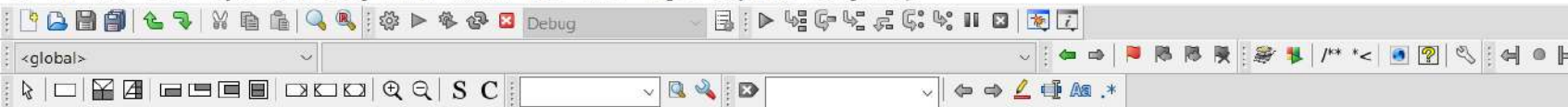
Code::Blocks Search results Cccc Build log Build messages

```
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easy\2wer\bin\Debug\2wer
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBl
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Script
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi\AppData
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\2wer\main.c

C/C++





```
1  #include <stdio.h>
2
3  int main() {
4      int a[100], n, i;
5
6      printf("Enter size: ");
7      scanf("%d", &n);
8
9      printf("Enter elements:\n");
10     for(i = 0; i < n; i++)
11         scanf("%d", &a[i]);
12
13     printf("Even numbers: ");
14     for(i = 0; i < n; i++)
15         if(a[i] % 2 == 0)
16             printf("%d ", a[i]);
17
18     printf("\nOdd numbers: ");
19     for(i = 0; i < n; i++)
20         if(a[i] % 2 != 0)
21             printf("%d ", a[i]);
22
23     return 0;
24 }
25
```

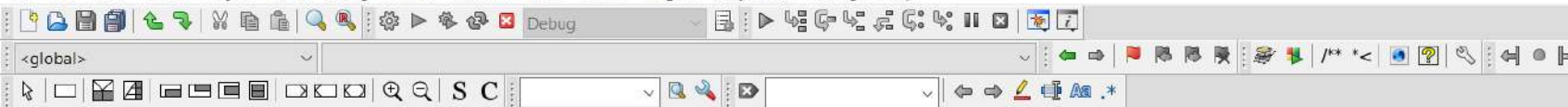
Logs & others

```
Code::Blocks Search results Cccc Build log
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\P
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Softw
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32alo
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe"
```

```
C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe
Enter size: 4
Enter elements:
12
23
34
45
Even numbers: 12 34
Odd numbers: 23 45
Process returned 0 (0x0)   execution time : 6.157 s
Press any key to continue.
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c





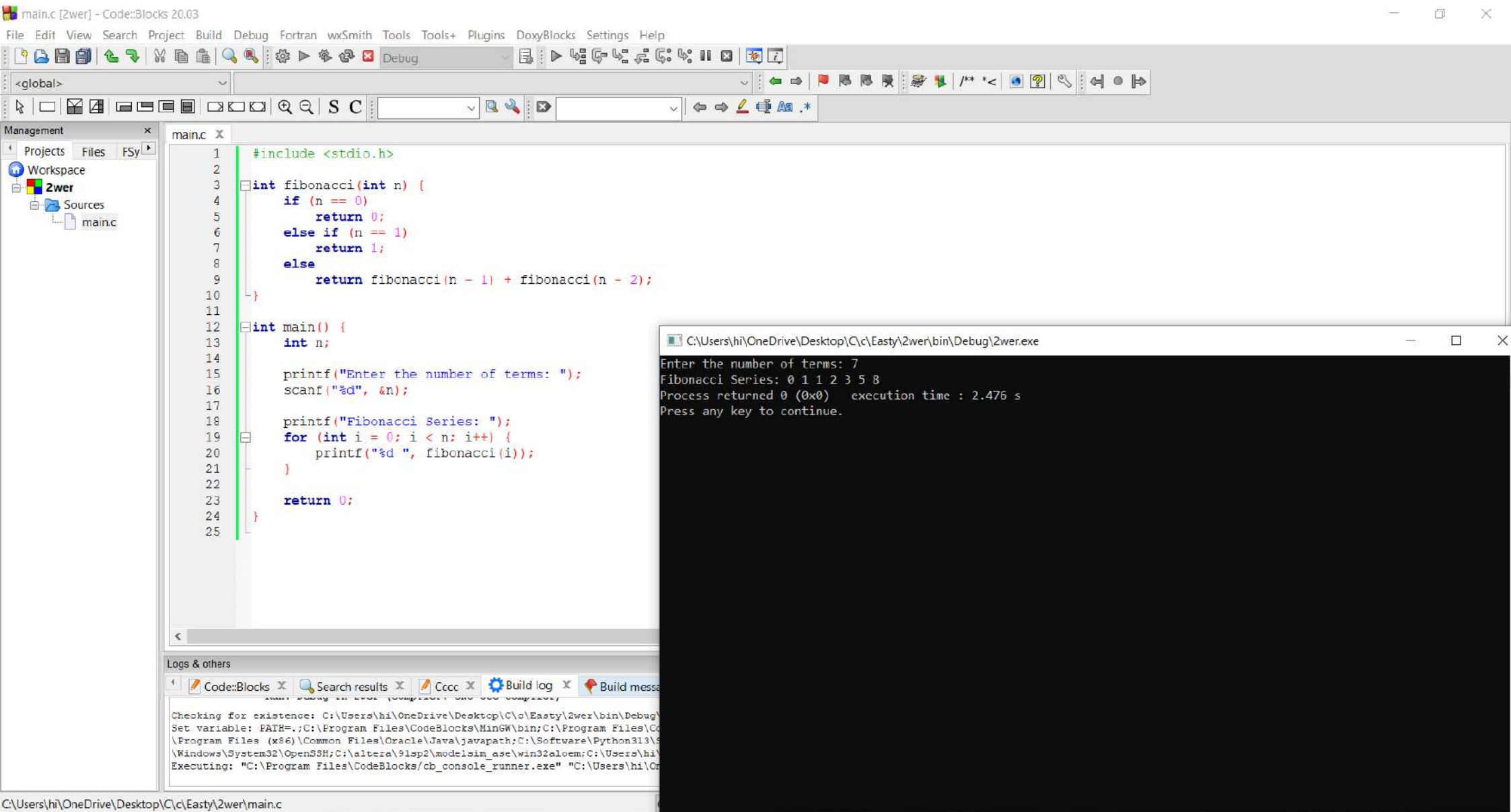
```
main.c x
1  #include <stdio.h>
2
3  int main() {
4      int n, first = 0, second = 1, next;
5
6      printf("Enter the number of terms: ");
7      scanf("%d", &n);
8
9      printf("Fibonacci Series: ");
10
11     for (int i = 0; i < n; i++) {
12         if (i <= 1)
13             next = i;
14         else {
15             next = first + second;
16             first = second;
17             second = next;
18         }
19         printf("%d ", next);
20     }
21
22     return 0;
23 }
24
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\U
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Use

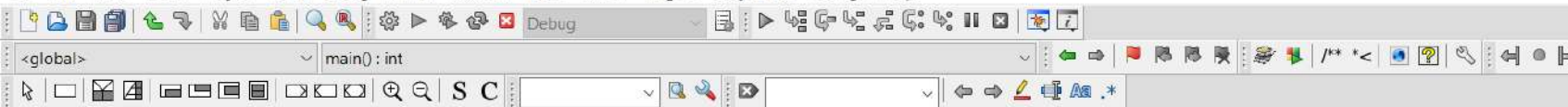
C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c



```
Enter the number of terms: 7
Fibonacci Series: 0 1 1 2 3 5 8
Process returned 0 (0x0)   execution time : 2.476 s
Press any key to continue.
```

Code:Blocks Search results Cccc Build log Build messa

```
Checking for existence: C:\Users\h1\OneDrive\Desktop\C\c\Easy2\2wer\bin\Debug\
Set variable: PATH=%.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\C
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim.exe\win32alocm;C:\Users\h1\
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\h1\
```



```
main.c x
1  #include <stdio.h>
2  int binarysearch(int arr[], int n, int key)
3  {
4      int l=0, h=n-1;
5      while(l<=h){
6          int mid=(l+h)/2;
7          if(arr[mid]==key)
8              return mid;
9          else if(arr[mid]<key)
10             l=mid+1;
11          else
12             h=mid-1;
13      }
14      return -1;
15  }
16
17  int main()
18  {
19      int arr[]={2,5,6,9,23,45,76};
20      int n=sizeof(arr)/sizeof(arr[0]);
21      int key;
22
23      printf("Enter the values to search:\n");
24      scanf("%d",&key);
25      int result = binarysearch(arr,n,key);
26      if(result!=-1)
27          printf("The element is found at index %d\n",result);
28      else
29          printf("The element is not present");
30  }
31
```

Logs & others

```
Code::Blocks x Search results x Cccc x Build log x Build mes
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\2wer\bin\Debug\2wer.exe

Enter the values to search:

9

The element is found at index 3

Process returned 0 (0x0) execution time : 7.793 s

Press any key to continue.





```
main.c x
1  #include <stdio.h>
2  #include <ctype.h>
3
4  char stack[100]; int top = -1;
5
6  void push(char c) { stack[++top] = c; }
7  char pop() { return stack[top--]; }
8  int prec(char c) {
9      if(c == '^') return 3;
10     if(c == '*' || c == '/') return 2;
11     if(c == '+' || c == '-') return 1;
12     return 0;
13 }
14
15 int main() {
16     char infix[100], postfix[100];
17     int i = 0, k = 0; char c;
18
19     printf("Enter infix: ");
20     scanf("%s", infix);
21
22     while((c = infix[i++]) != '\0') {
23         if(isalnum(c)) postfix[k++] = c;
24         else if(c == '(') push(c);
25         else if(c == ')') {
26             while(stack[top] != '(') postfix[k++] = stack[top];
27             pop();
28         } else {
29             while(top != -1 && prec(stack[top]) > prec(c))
30                 postfix[k++] = stack[top];
31             push(c);
32         }
33     }
34     while(stack[top] != '(') postfix[k++] = stack[top];
35     pop();
36     printf("Postfix: ");
37     for(i = 0; i < k; i++) printf("%c", postfix[i]);
38     printf("\n");
39 }
```

Logs & others

```
Code::Blocks x Search results x Cccc x Build log x Build n
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easy\jk\bin\Debu
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program File
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python3
\Windows\System32\OpenSSH;C:\altera\91ap2\modelsim_ase\win32aloem;C:\Users
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\h
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\jk\main.c

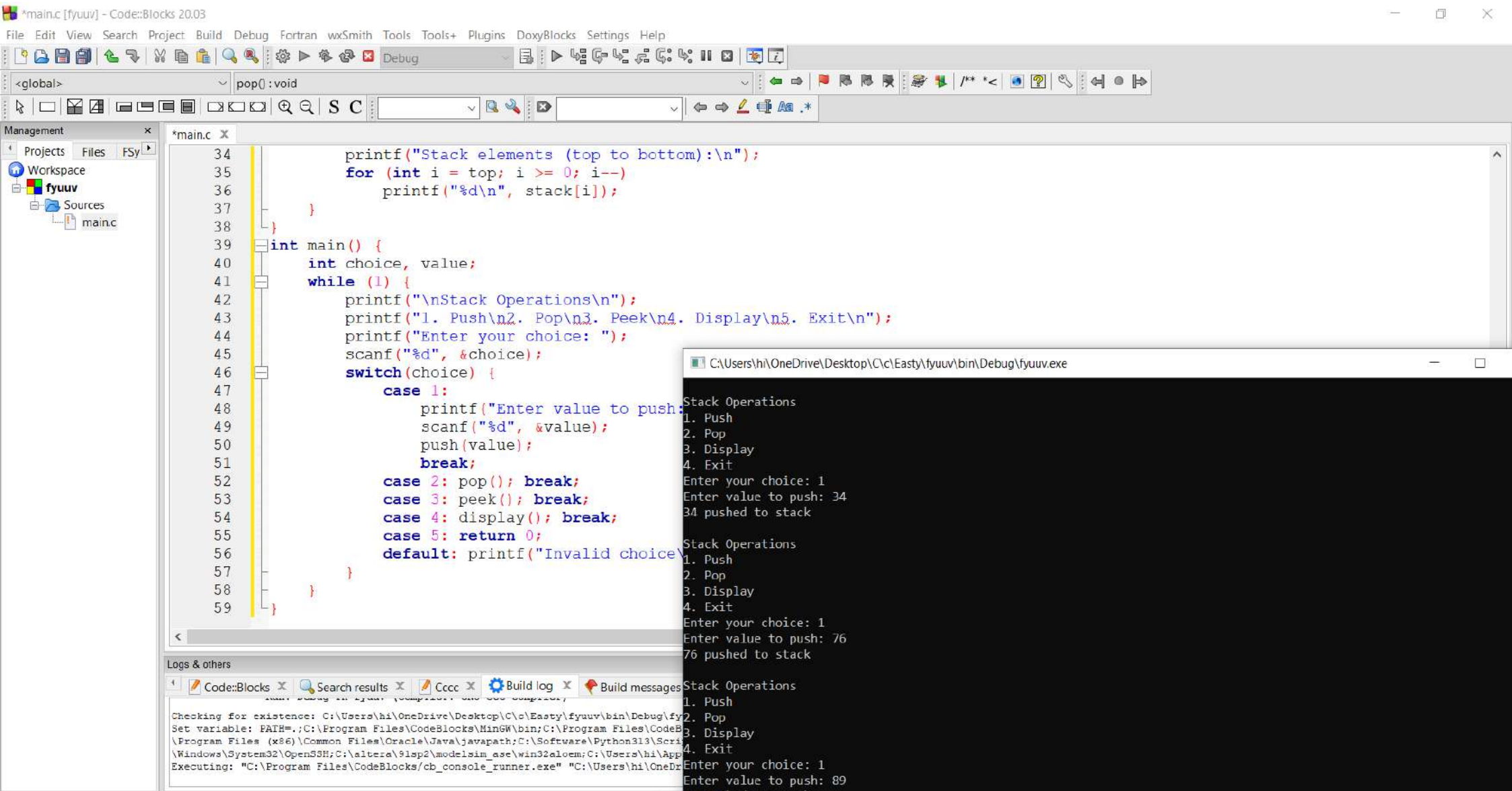
C:\Users\hi\OneDrive\Desktop\C\c\Easy\jk\bin\Debug\jk.exe

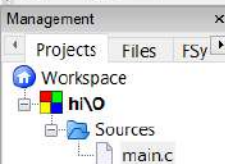
Enter infix: (a+b)-c*d(a/o)

Postfix: ab+cdao/*-

Process returned 0 (0x0) execution time : 21.605 s

Press any key to continue.





```
1  #include <stdio.h>
2
3  int main() {
4      int arr[100], n, i, key, found=0;
5
6      printf("Enter the no of elements: ");
7      scanf("%d", &n);
8
9      printf("Enter %d elements: \n", n);
10     for (i=0; i<n; i++) {
11         scanf("%d", &arr[i]);
12     }
13     printf("Enter the number to search: \n");
14     scanf("%d", &key);
15     for (i=0; i<n; i++) {
16         if (key==arr[i]) {
17             printf("The element %d is found at the index %d", key, i);
18             found=1;
19             break;
20         }
21     }
22     if (!found) {
23         printf("The element is not found\n");
24     }
25 }
26
```

Logs & others

```
Code::Blocks x Search results x Cccc x Build log x Build mes
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\O\hi\bin\Debu
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\h
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\O\hi\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\O\hi\bin\Debug\hi\O.exe

```
Enter the no of elements: 4
Enter 4 elements:
76
23
44
96
Enter the number to search:
23
The element 23 is found at the index arr[1]
```

```
Process returned 0 (0x0)   execution time : 12.017 s
Press any key to continue.
```



main.c [strdfugyh] - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

<global> enqueue(int value) : void

Management Projects Files FSy

Workspace
strdfugyh
Sources
main.c

```
1 #include <stdio.h>
2 #define SIZE 5
3
4 int queue[SIZE];
5 int front=-1, rear=-1;
6
7 void enqueue(int value) {
8     if(rear==SIZE-1)
9         printf("Queue is full\n");
10    else{
11        if(front==0)
12            front=0;
13        rear++;
14        queue[rear]=value;
15        printf("Inserted %d\n",value);
16    }
17 }
18
19 void dequeue() {
20     if(front==0 || front>rear)
21         printf("Queue is empty\n");
22     else{
23         printf("Deleted %d\n", queue[front]);
24         front++;
25     }
26 }
27
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\strdfugyh\bin\Debug\Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlo
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Script
\Windows\System32\OpenSSH;C:\altera\91ap2\modelsim_ase\win32aloem;C:\Users\hi\AppData
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\

C:\Users\hi\OneDrive\Desktop\C\c\Easty\strdfugyh\bin\Debug\strdfugyh.exe

Inserted 67
Inserted 70
Inserted 45
Queue:
67 70 45
Deleted 67
Deleted 70
Queue:
45
Inserted 56
Inserted 89
Queue is full
Queue:
45 56 89

Process returned 0 (0x0) execution time : 0.109 s
Press any key to continue.

C:\Users\hi\OneDrive\Desktop\C\c\Easty\strdfugyh\main.c

C/C++

Type here to search

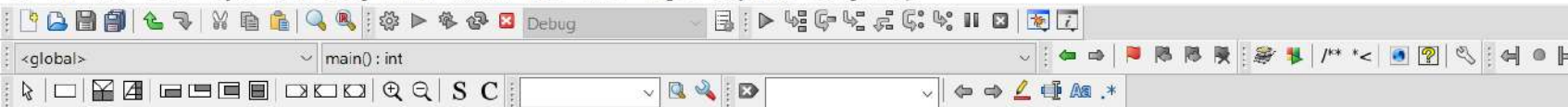


Feels hotter

ENG
IN

2:31 PM
5/9/2025





Management

Projects Files FSy

Workspace

cjb

Sources

main.c

main.c x

```
1  #include <stdio.h>
2
3  void insertionSort(int arr[], int n){
4      int i, key, j;
5      for(int i=1; i<n; i++){
6          key=arr[i];
7          j=i-1;
8
9          while(j>=0 && arr[j]>key){
10             arr[j+1]=arr[j];
11             j=j-1;
12         }
13         arr[j+1]=key;
14     }
15 }
16
17 void printArray(int arr[], int n){
18     for(int i=0; i<n; i++)
19         printf("%d ", arr[i]);
20     printf("\n");
21 }
22
23 int main()
24 {
25     int arr[]={21,32,12,56,23,1};
26     int n=sizeof(arr)/sizeof(arr[0]);
27
28     printf("Original array: ");
29     printArray(arr,n);
30
31     insertionSort(arr,n);
```

Logs & others

Code::Blocks Search results Cccc Build log Build mes

```
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\cjb\bin\Debug
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313
\Windows\System32\OpenSSH;C:\alters\9lap2\modelsim_ase\win32aloem;C:\Users\h
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\
```

C:\Users\hi\OneDrive\Desktop\C\c\Easty\cjb\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\cjb\bin\Debug\cjb.exe

Original array: 21 32 12 56 23 1

Sorted Array: 1 12 21 23 32 56

Process returned 0 (0x0) execution time : 0.030 s

Press any key to continue.





File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



<global> main0 : int

<global> main0 : int



Management x main c x

Management x main c x

Projects Files FSy 1 #include <stdio.h>

Workspace 2

```
3 void printArray(int arr[], int size) {
```

```
4         for (int i = 0; i < size; i++)
```

```
main
5      printf("%d ", arr[i]);
```

The image shows a C++ IDE with a project named 'jllhg'. The source file 'main.c' contains the following code:

```
#include <stdio.h>

void printArray(int arr[], int size) {
    for (int i = 0; i < size; i++)
        printf("%d ", arr[i]);
    printf("\n");
}

void merge(int arr[], int l, int m, int r) {
    int i = l, j = m + 1, k = 0;
    int temp[r - l + 1];

    while (i <= m && j <= r) {
        if (arr[i] < arr[j])
            temp[k++] = arr[i++];
        else
            temp[k++] = arr[j++];
    }

    while (i <= m) temp[k++] = arr[i++];
    while (j <= r) temp[k++] = arr[j++];

    for (i = l, k = 0; i <= r; i++, k++)
        arr[i] = temp[k];
}

void mergeSort(int arr[], int l, int r) {
    if (l < r) {
        int m = (l + r) / 2;
        mergeSort(arr, l, m);
        mergeSort(arr, m + 1, r);
        merge(arr, l, m, r);
    }
}
```

The execution output window shows the following results:

```
C:\Users\hi\OneDrive\Desktop\C\c\Easy\jllhg\bin\Debug\jllhg.exe
Original array: 23 46 11 81 36 75
Sorted array: 11 23 36 46 75 81

Process returned 0 (0x0)   execution time : 0.117 s
Press any key to continue.
```

Logs & others	
---------------	--

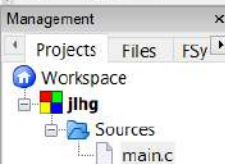
Code::Blocks Search results Cccc Build log Build messages

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\o\Easty\j1hg\bin\Debug\j1hg.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\M
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Scripts;C:\S
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32alocm;C:\Users\hi\AppData\Loc
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\Desk

C:\Users\hi\OneDrive\Desktop\C\c\Easy\j\hg\main.c C/C++

C:\Users\hi\OneDrive\Desktop\C\c\Easy\j\hg\main.c C/C++





main.c x

```

13         if (i == SIZE) {
14             printf("Hash table is full\n");
15             return;
16         }
17     }
18
19     hashTable[(key + i) % SIZE] = value;
20 }
21
22 void display() {
23     for (int i = 0; i < SIZE; i++) {
24         printf("%d => %d\n", i, hashTable[i]);
25     }
26 }
27
28 int main() {
29     for (int i = 0; i < SIZE; i++) hashTable[i] = -1;
30
31     int values[] = {23, 43, 13, 27, 37, 33};
32     int n = sizeof(values) / sizeof(values[0]);
33
34     for (int i = 0; i < n; i++) {
35         insert(values[i]);
36     }
37
38     display();
39
40     return 0;
41 }
42

```

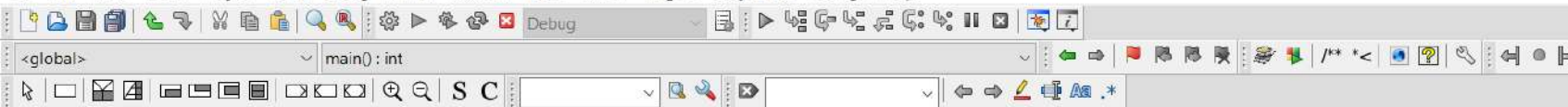
Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppC

```
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\Easy\jhlhg\bin\Debug\jhlhg.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Scripts;C:\Softw
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi\AppData\Local\
Executing "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\Desktop\
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\ilhg\main.c

C/C++

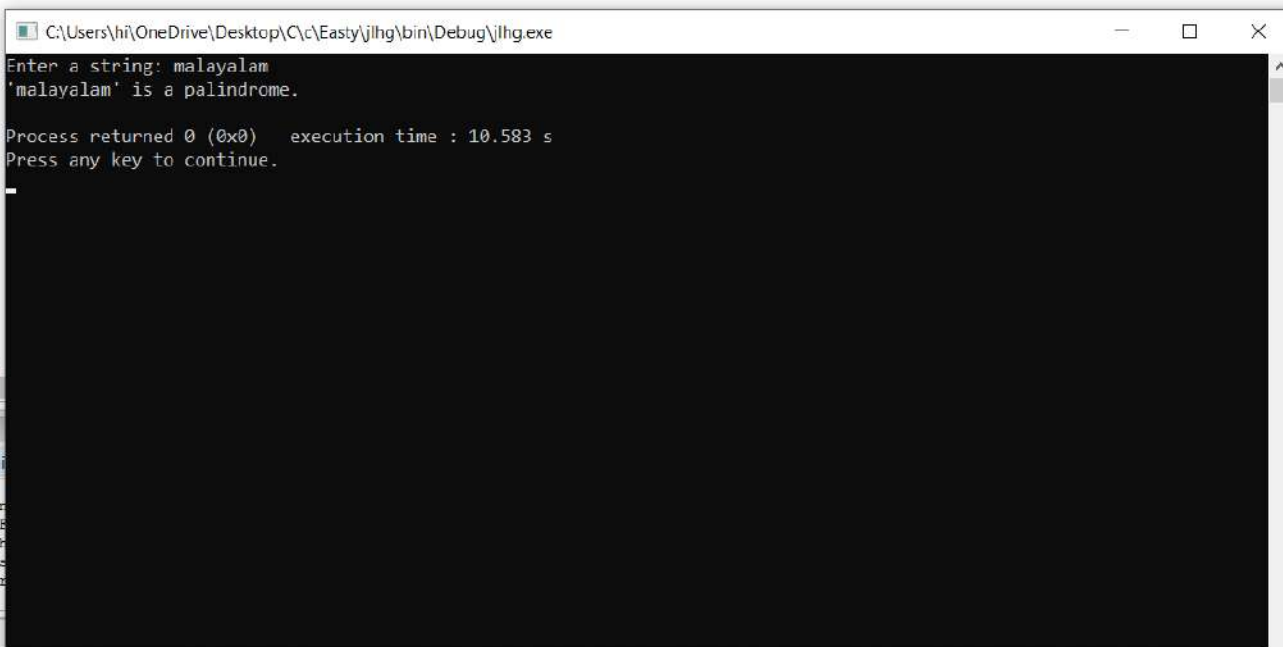


```
1  #include <stdio.h>
2  #include <string.h>
3  #include <ctype.h>
4
5  int isPalindrome(char str[]) {
6      int left = 0;
7      int right = strlen(str) - 1;
8
9      while (left < right) {
10
11         while (!isalnum(str[left]) && left < right) left++;
12         while (!isalnum(str[right]) && left < right) right--;
13
14         if (tolower(str[left]) != tolower(str[right]))
15             return 0;
16
17         left++;
18         right--;
19     }
20
21     return 1;
22 }
23
24 int main() {
25     char str[100];
26
27     printf("Enter a string: ");
28     fgets(str, sizeof(str), stdin);
29     str[strcspn(str, "\n")] = 0;
30     if (isPalindrome(str))
31         printf("%s is a palindrome\n", str);
32 }
```

Logs & others

```
Code::Blocks x Search results x Cccc x Build log x Bu
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easy\jlhg\bin
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program F
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Pyth
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Us
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\User
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\jlhg\main.c



main.c [jlhg] - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Debug

<global> main(): int

Management

Projects Files FSy

Workspace
jlhg
Sources
main.c

main.c x

```
1 #include <stdio.h>
2
3 int main() {
4     int a[10][10], b[10][10], sum[10][10];
5     int i, j, rows, cols;
6
7     printf("Enter rows and columns: ");
8     scanf("%d %d", &rows, &cols);
9
10    printf("Enter elements of matrix A:\n");
11    for(i = 0; i < rows; i++)
12        for(j = 0; j < cols; j++)
13            scanf("%d", &a[i][j]);
14
15    printf("Enter elements of matrix B:\n");
16    for(i = 0; i < rows; i++)
17        for(j = 0; j < cols; j++)
18            scanf("%d", &b[i][j]);
19
20    for(i = 0; i < rows; i++)
21        for(j = 0; j < cols; j++)
22            sum[i][j] = a[i][j] + b[i][j];
23
24    printf("Sum of matrices:\n");
25    for(i = 0; i < rows; i++) {
26        for(j = 0; j < cols; j++)
27            printf("%d ", sum[i][j]);
28        printf("\n");
29    }
30
31    return 0;
}
```

Logs & others

Code::Blocks Search results Cccc Build log Build m

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\De
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program File
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python3
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\h

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

```
Enter rows and columns: 2
2
Enter elements of matrix A:
1
2
3
4
Enter elements of matrix B:
1
2
3
4
Sum of matrices:
2 4
6 8
```

Process returned 0 (0x0) execution time : 13.619 s
Press any key to continue.

Type here to search

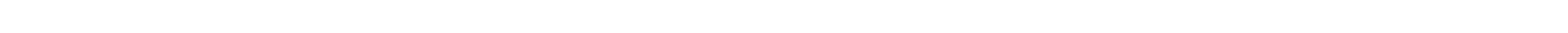
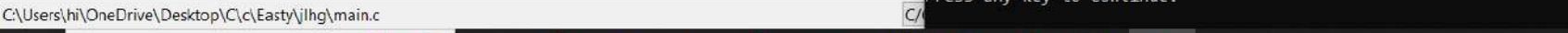
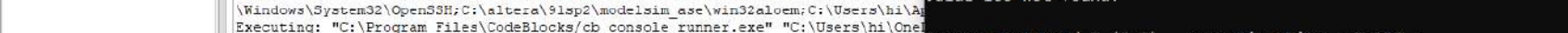
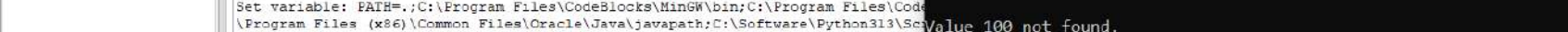
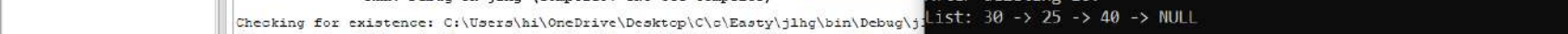
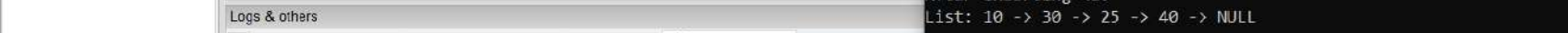
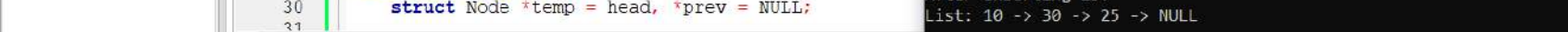
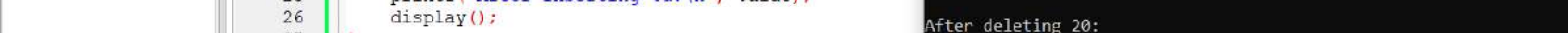
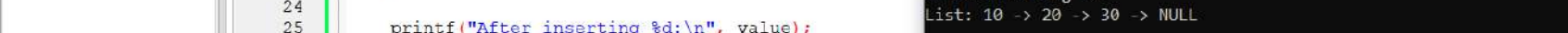
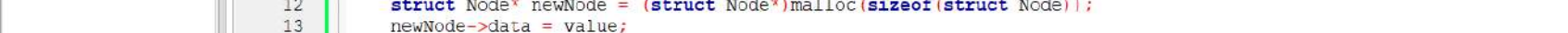
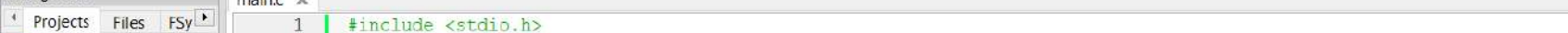
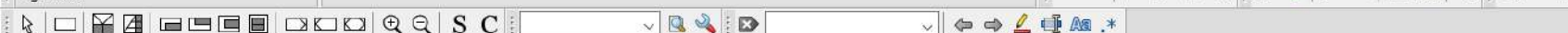


33°C Mostly cloudy

ENG IN 2:58 PM 5/26/2025

main.c [jlhg] - Code::Blocks 20.03

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```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 struct Node {
5     int data;
6     struct Node* next;
7 };
8
9 struct Node* head = NULL;
10
11 void insert(int value) {
12     struct Node* newNode = (struct Node*)malloc(sizeof(struct Node));
13     newNode->data = value;
14     newNode->next = NULL;
15
16     if (head == NULL) {
17         head = newNode;
18     } else {
19         struct Node* temp = head;
20         while (temp->next != NULL)
21             temp = temp->next;
22         temp->next = newNode;
23     }
24
25     printf("After inserting %d:\n", value);
26     display();
27 }
28
29 void delete(int value) {
30     struct Node *temp = head, *prev = NULL;
```

Logs & others

Code::Blocks Search results Cccc Build log Build message

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easy\jlhg\bin\Debug\jlhg.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\Code
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Sc
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi\A
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\One

C:\Users\hi\OneDrive\Desktop\C\c\Easy\jlhg\bin\Debug\jlhg.exe

After inserting 10:
List: 10 -> NULL

After inserting 20:
List: 10 -> 20 -> NULL

After inserting 30:
List: 10 -> 20 -> 30 -> NULL

After deleting 20:
List: 10 -> 30 -> NULL

After inserting 25:
List: 10 -> 30 -> 25 -> NULL

After inserting 40:
List: 10 -> 30 -> 25 -> 40 -> NULL

After deleting 10:
List: 30 -> 25 -> 40 -> NULL

Value 100 not found.

Process returned 0 (0x0) execution time : 0.120 s
Press any key to continue.

C:\Users\hi\OneDrive\Desktop\C\c\Easy\jlhg\main.c

main.c [jlhg] - Code::Blocks 20.03

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```
main.c x
1  #include <stdio.h>
2
3  void swap(int* a, int* b) {
4      int temp = *a;
5      *a = *b;
6      *b = temp;
7  }
8
9  void heapify(int arr[], int n, int i) {
10     int largest = i;
11     int left = 2 * i + 1;
12     int right = 2 * i + 2;
13
14     if (left < n && arr[left] > arr[largest])
15         largest = left;
16
17     if (right < n && arr[right] > arr[largest])
18         largest = right;
19
20     if (largest != i) {
21         swap(&arr[i], &arr[largest]);
22         heapify(arr, n, largest);
23     }
24 }
25
26 void heapSort(int arr[], int n) {
27     for (int i = n / 2 - 1; i >= 0; i--)
28         heapify(arr, n, i);
29
30     for (int i = n - 1; i > 0; i--) {
31         swap(&arr[0], &arr[i]);
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Bu

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin
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Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

Original array:
12 11 13 5 6 7
Sorted array using Heap Sort:
5 6 7 11 12 13

Process returned 0 (0x0) execution time : 0.119 s
Press any key to continue.

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\main.c

main.c [jlhg] - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



```
main.c x
1  #include <stdio.h>
2
3  void swap(int* a, int* b) {
4      int temp = *a;
5      *a = *b;
6      *b = temp;
7  }
8
9  int partition(int arr[], int low, int high) {
10     int pivot = arr[high];
11     int i = low - 1;
12
13     for (int j = low; j < high; j++) {
14         if (arr[j] < pivot) {
15             i++;
16             swap(&arr[i], &arr[j]);
17         }
18     }
19
20     swap(&arr[i + 1], &arr[high]);
21     return i + 1;
22 }
23
24 void quickSort(int arr[], int low, int high) {
25     if (low < high) {
26         int pi = partition(arr, low, high);
27         quickSort(arr, low, pi - 1);
28         quickSort(arr, pi + 1, high);
29     }
30 }
31
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messa

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\

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\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\S

\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi\

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C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

Original array:
10 7 8 9 1 5
Sorted array using Quick Sort:
1 5 7 8 9 10

Process returned 0 (0x0) execution time : 0.108 s
Press any key to continue.

Type here to search



32°C Mostly cloudy

ENG IN 1:51 PM 5/26/2025



Management

Projects Files FSys

Workspace

jlhg

Sources

main.c

main.c x

```
28     key[i] = INT_MAX, mstSet[i] = 0;
29
30     key[0] = 0;
31     parent[0] = -1;
32
33     for (int count = 0; count < V - 1; count++) {
34         int u = minKey(key, mstSet);
35         mstSet[u] = 1;
36
37         for (int v = 0; v < V; v++)
38             if (graph[u][v] && mstSet[v] == 0 && graph[u][v] < key[v])
39                 parent[v] = u, key[v] = graph[u][v];
40     }
41
42     printMST(parent, graph);
43 }
44
45 int main() {
46     int graph[V][V] = {
47         {0, 2, 0, 6, 0},
48         {2, 0, 3, 0, 5},
49         {0, 3, 0, 0, 7},
50         {6, 8, 0, 0, 9},
51         {0, 5, 7, 9, 0}
52     };
53
54     primMST(graph);
55     return 0;
56 }
57
```

Logs & others

Code::Blocks Search results Cccc Build log Build m

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Deb
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python31
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

Edge Weight

0 - 1 2

1 - 2 3

0 - 3 6

1 - 4 5

Process returned 0 (0x0) execution time : 0.027 s

Press any key to continue.

main.c [jlhg] - Code::Blocks 20.03

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Debug

<global> main(): int

Management

Projects Files FSy

Workspace

jlhg

Sources

main.c

main.c x

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 #define MAX 100
5
6 struct Edge {
7     int src, dest, weight;
8 };
9
10 int parent[MAX];
11
12 int find(int i) {
13     if (parent[i] == i)
14         return i;
15     return find(parent[i]);
16 }
17
18 void unionSet(int u, int v) {
19     int u_root = find(u);
20     int v_root = find(v);
21     parent[u_root] = v_root;
22 }
23
24 int compare(const void* a, const void* b) {
25     struct Edge* e1 = (struct Edge*)a;
26     struct Edge* e2 = (struct Edge*)b;
27     return e1->weight - e2->weight;
28 }
29
30 void kruskal(struct Edge edges[], int V, int E) {
31     int i, count = 0;
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlo
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Script
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\hi\AppData
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\main.c

C/C++

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

Edge Weight

2 - 3 4

0 - 3 5

0 - 1 10

Total weight of MST: 19

Process returned 0 (0x0) execution time : 0.111 s

Press any key to continue.

Type here to search



500696 +1.19%



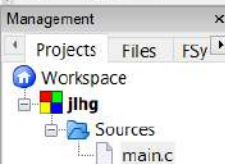
ENG

IN

1:58 PM

5/26/2025





```
main.c x
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      struct Node {
5          int key, height;
6          struct Node *left, *right;
7      };
8
9      int height(struct Node* n) { return n ? n->height : 0; }
10     int max(int a, int b) { return a > b ? a : b; }
11
12     struct Node* newNode(int key) {
13         struct Node* n = malloc(sizeof(struct Node));
14         n->key = key; n->left = n->right = NULL; n->height = 1;
15         return n;
16     }
17
18     int getBalance(struct Node* n) {
19         return n ? height(n->left) - height(n->right) : 0;
20     }
21
22     struct Node* rotateLeft(struct Node* x) {
23         struct Node* y = x->right;
24         x->right = y->left; y->left = x;
25         x->height = max(height(x->left), height(x->right)) +
26         y->height = max(height(y->left), height(y->right)) +
27         return y;
28     }
29
30     struct Node* rotateRight(struct Node* y) {
31         struct Node* x = y->left;
```

Logs & others

Code:Blocks Search results C++ Build log Build messages

```
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\o\Easy\j1hg\bin\Debug\j1hg.exe
Set variable: PATH=;C:\Program Files\CodeBlocks\MingGW\bin;C:\Program Files\CodeBlocks\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313\Scripts\
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32\doem;C:\Users\hi\AppData
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\OneDrive\
```

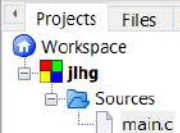
C:\Users\hi\OneDrive\Desktop\C\c\Easy\ilhg\main.c

C/C++

C:\Users\hi\OneDrive\Desktop\C\c\Easy\llhg\bin\Debug\llhg.exe

```
10 20 30
10 30
Search 30: Found
```

```
Process returned 0 (0x0)   execution time : 0.107 s
Press any key to continue.
```



main.c x

```

1 #include <stdio.h>
2
3 #define MAX 5
4
5 int queue[MAX], front = -1, rear = -1;
6
7 void enqueue(int x) {
8     if (rear == MAX - 1) return;
9     if (front == -1) front = 0;
10    queue[++rear] = x;
11 }
12
13 int dequeue() {
14     if (front == -1 || front > rear) return -1;
15     return queue[front++];
16 }
17
18 int isEmpty() {
19     return (front == -1 || front > rear);
20 }
21
22 void bfs(int graph[MAX][MAX], int start) {
23     int visited[MAX] = {0};
24     int i, node;
25
26     enqueue(start);
27     visited[start] = 1;
28
29     while (!isEmpty()) {
30         node = dequeue();
31         printf("%d ", node + 1);

```

Logs & others

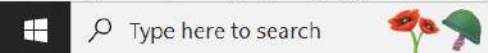
Code::Blocks x Search results x Cccc x Build log x Build me

```
Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easytj\jhg\bin\Deb
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\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python31
\Windows\System32\OpenSSH;C:\altira\91p2\modelsim_ase\win32aloem;C:\Users\
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi
```

C:\Users\hi\OneDrive\Desktop\C\c\Easy\ilhg\main.c

C:\Users\hi\OneDrive\Desktop\C\c\Easy\jhg\bin\Debug\jhg.exe

```
1 2 3 4 5
Process returned 0 (0x0)   execution time : 0.021 s
Press any key to continue.
```



main.c [jlhg] - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Debug

<global>

S C

Management

Projects Files FSy

Workspace

jlhg

Sources

main.c

main.c x

```
1 #include <stdio.h>
2
3 #define MAX 5
4
5 int visited[MAX] = {0};
6
7 void dfs(int graph[MAX][MAX], int node) {
8     int i;
9     visited[node] = 1;
10    printf("%d ", node + 1);
11
12    for (i = 0; i < MAX; i++) {
13        if (graph[node][i] == 1 && !visited[i]) {
14            dfs(graph, i);
15        }
16    }
17 }
18
19 int main() {
20     int graph[MAX][MAX] = {
21         {0, 1, 1, 0, 0},
22         {1, 0, 0, 1, 0},
23         {1, 0, 0, 0, 1},
24         {0, 1, 0, 0, 1},
25         {0, 0, 1, 1, 0}
26     };
27
28     dfs(graph, 0);
29     return 0;
30 }
31
```

Logs & others

Code::Blocks Search results Cccc Build log Build mes

Checking for existence: C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debu
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\
\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Software\Python313
\Windows\System32\OpenSSH;C:\altera\91sp2\modelsim_ase\win32aloem;C:\Users\h
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\hi\

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\bin\Debug\jlhg.exe

1 2 4 5 3
Process returned 0 (0x0) execution time : 0.135 s
Press any key to continue.

C:\Users\hi\OneDrive\Desktop\C\c\Easty\jlhg\main.c