File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   [*] kous.cpp   kousi.cpp   kousib.cpp

```c
1    #include<stdio.h>
2    int main()
3    {
4    int no_of_frames, no_of_pages, frames[10], pages[30], temp[10], flag1, flag2, flag3, i, j, k,pos, max,
5    printf("Enter number of frames: "); scanf("%d", &no_of_frames);
6     printf("Enter number of pages: "); scanf("%d", &no_of_pages);
7     printf("Enter page reference string: ");
8    for(i = 0; i < no_of_pages; ++i)
9    {
10     scanf("%d", &pages[i]);
11    }
12    for(i = 0; i < no_of_frames; ++i){ frames[i] = -1;
13    }
14    for(i = 0; i < no_of_pages; ++i){ flag1 = flag2 = 0; for(j = 0; j < no_of_frames; ++j){ if(frames[j] =
15    break;
16    }
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dinesh\Documents\kousib.exe
- Output Size: 129.7734375 KiB
- Compilation Time: 0.69s
```

Activate Windows
Go to Settings to activate Windows

Line: 10   Col: 25   Sel: 0   Lines: 48   Length: 1294   Insert   Done parsing in 0.062 seconds

Type here to search

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   [*] kous.cpp   kousi.cpp   kousib.cpp

```cpp
14 for(i = 0; i < no_of_pages; ++i){ flag1 = flag2 = 0; for(j = 0; j < no_of_frames; ++j){ if(frames[j] =
15   break;
16   }
17   }
18 if(flag1 == 0){
19   for(j = 0; j < no_of_frames; ++j)
20   {
21   if(frames[j] == -1){faults++;
22   frames[j] = pages[i];flag2 = 1;
23   break;
24   }
25   }
26   }
27 if(flag2 == 0){ flag3 =0;
28   for(j = 0; j < no_of_frames; ++j){ temp[j] = -1; for(k = i + 1; k < no_of_pages; ++k){ if(frames[j] =
29   }
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dinesh\Documents\kousib.exe
- Output Size: 129.7734375 KiB
- Compilation Time: 0.69s
```

Abort Compilation

Shorten compiler paths

Done parsing in 0.062 seconds

Line: 14   Col: 25   Sel: 0   Lines: 48   Length: 1294   Insert

```
(globals)
```
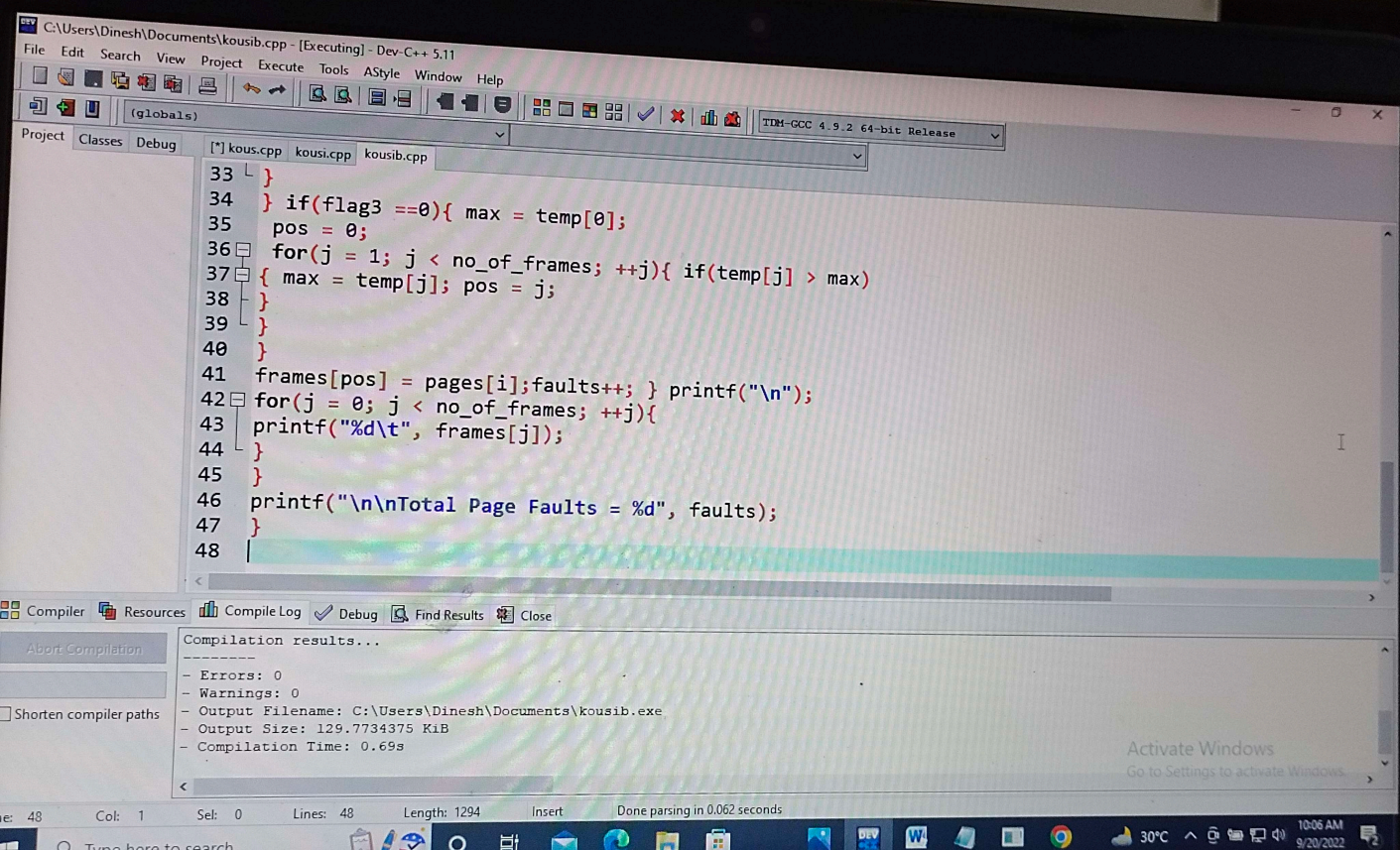
```
[*] kous.cpp  kousi.cpp  kousib.cpp
27  if(flag2 == 0){ flag3 =0;
28    for(j = 0; j < no_of_frames; ++j){ temp[j] = -1; for(k = i + 1; k < no_of_pages; ++k){ if(frames[j] ==
29    }
30    }
31    }
32  for(j = 0; j < no_of_frames; ++j){ if(temp[j] == -1){ pos = j; flag3 = 1; break;
33    }
34    } if(flag3 ==0){ max = temp[0];
35      pos = 0;
36    for(j = 1; j < no_of_frames; ++j){ if(temp[j] > max)
37    { max = temp[j]; pos = j;
38    }
39    }
40    }
41    frames[pos] = pages[i];faults++; } printf("\n");
42  for(j = 0; j < no_of_frames; ++j){
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dinesh\Documents\kousib.exe
- Output Size: 129.7734375 KiB
- Compilation Time: 0.69s
```

Activate Windows
Go to Settings to activate Windows

Done parsing in 0.062 seconds

e: 42   Col: 25   Sel: 0   Lines: 48   Length: 1294   Insert

Type here to search

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   [*] kous.cpp   kousi.cpp   kousib.cpp

```
33  L }
34      } if(flag3 ==0){ max = temp[0];
35      pos = 0;
36 ⊟   for(j = 1; j < no_of_frames; ++j){ if(temp[j] > max)
37 ⊟ { max = temp[j]; pos = j;
38  ⊢ }
39  L }
40      }
41      frames[pos] = pages[i];faults++; } printf("\n");
42 ⊟ for(j = 0; j < no_of_frames; ++j){
43   | printf("%d\t", frames[j]);
44  L }
45      }
46      printf("\n\nTotal Page Faults = %d", faults);
47      }
48  |
```

██ Compiler   🗂 Resources   📊 Compile Log   ✓ Debug   🔍 Find Results   ⊠ Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dinesh\Documents\kousib.exe
- Output Size: 129.7734375 KiB
- Compilation Time: 0.69s
```

e: 48   Col: 1   Sel: 0   Lines: 48   Length: 1294   Insert   Done parsing in 0.062 seconds

```
C:\Users\Dinesh\Documents\kousib.exe
Enter number of frames: 3
Enter number of pages: 10
Enter page reference string: 2 3 4 2 1 3 7 5 4 3

2          -1          -1
2           3          -1
2           3           4
2           3           4
1           3           4
1           3           4
7           3           4
5           3           4
5           3           4
5           3           4

Total Page Faults = 6
---------------------------------
Process exited after 35.97 seconds with return value 0
Press any key to continue . . . _
```