

CA\Users\mudir\OneDrive\Documents\OS31.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class OS31.cpp

```
46     page_faults++;
47
48     printf("Page %d caused a page fault. Frames: ", page[i]);
49     for(k = 0; k < frames; k++) {
50         if(frame[k] != -1)
51             printf("%d ", frame[k]);
52         else
53             printf("- ");
54     }
55     printf("\n");
56 } else {
57     printf("Page %d already in frame. No page fault. Frames: ", page[i]);
58     for(k = 0; k < frames; k++) {
59         if(frame[k] != -1)
60             printf("%d ", frame[k]);
61         else
62             printf("- ");
63     }
64     printf("\n");
65 }
66 }
67 }
68 }
69
70 printf("\nTotal Page Faults: %d\n", page_faults);
71
72 return 0;
73 }
74 }
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\OS31.exe
Output Size: 323.625 KiB
Compilation Time: 0.19s

Shorten compiler path

Line: 48 Col: 4 Sel: 0 Lines: 74 Length: 1926 Insert Done parsing in 0.031 seconds

Hot days ahead 33°C

Search

ENG IN

16:01 06-10-2025

C:\Users\mudir\OneDrive\Documents\OS31.cpp

Enter the number of pages: 12
Enter the page reference string: 1 2 4 6 8 4 6 9 2 3 5 7
Enter the number of frames: 3

Page replacement process:

Page 1 caused a page fault. Frames: 1 - -
Page 2 caused a page fault. Frames: 1 2 -
Page 4 caused a page fault. Frames: 1 2 4
Page 6 caused a page fault. Frames: 6 2 4
Page 8 caused a page fault. Frames: 6 8 4
Page 4 already in frame. No page fault. Frames: 6 8 4
Page 6 already in frame. No page fault. Frames: 6 8 4
Page 9 caused a page fault. Frames: 6 8 9
Page 2 caused a page fault. Frames: 2 8 9
Page 3 caused a page fault. Frames: 2 3 9
Page 5 caused a page fault. Frames: 2 3 5
Page 7 caused a page fault. Frames: 7 3 5

Total Page Faults: 10

Process exited after 79.83 seconds with return value 0
Press any key to continue . . .