

CA\Users\vmudir\OneDrive\Documents\OS32.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 OS32.cpp

```
55     page_faults++;
56
57
58     printf("Page %d caused a page fault. Frames: ", page[i]);
59     for(k = 0; k < frames; k++) {
60         if(frame[k] != -1)
61             printf("%d ", frame[k]);
62         else
63             printf("- ");
64     }
65     printf("\n");
66 } else {
67
68     printf("Page %d already in frame. No page fault. Frames: ", page[i]);
69     for(k = 0; k < frames; k++) {
70         if(frame[k] != -1)
71             printf("%d ", frame[k]);
72         else
73             printf("- ");
74     }
75     printf("\n");
76 }
77 }
78
79 printf("\nTotal Page Faults: %d\n", page_faults);
80
81 return 0;
82 }
83 }
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\vmudir\OneDrive\Documents\OS32.exe
Output Size: 324.125 Kib
Compilation Time: 0.16s

Shorten compiler pat

Line: 57 Col: 1 Sel: 0 Lines: 83 Length: 2291 Insert Done parsing in 0.016 seconds

Search

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C:\Users\vmudir\OneDrive\Documents\OS32.cpp

Enter the number of pages: 6
Enter the page reference string: 2 4 6 8 9 4
Enter the number of frames: 2

Page replacement process:

Page 2 caused a page fault. Frames: 2 -
Page 4 caused a page fault. Frames: 4 -
Page 6 caused a page fault. Frames: 4 6
Page 8 caused a page fault. Frames: 8 6
Page 9 caused a page fault. Frames: 8 9
Page 4 caused a page fault. Frames: 4 9

Total Page Faults: 6

Process exited after 34.85 seconds with return value 0
Press any key to continue . . .