

CA\Users\mudir\OneDrive\Documents\OS36.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 OS33.cpp OS34.cpp OS36.cpp

```
54 temp[lru] = i; // Update last used time
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
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0  
Warnings: 0  
Output Filename: C:\Users\mudir\OneDrive\Documents\OS36.exe  
Output Size: 324.125 Kib  
Compilation Time: 0.19s

Shorten compiler pat

Line: 82 Col: 2 Sel: 0 Lines: 82 Length: 2288 Insert Done parsing in 0.016 seconds

Search

ENG IN 16:12 06-10-2025

Enter the number of pages: 5  
Enter the page reference string: 2 3 4 5 6  
Enter the number of frames: 2

Page replacement process:

Page 2 caused a page fault. Frames: 2 -  
Page 3 caused a page fault. Frames: 3 -  
Page 4 caused a page fault. Frames: 3 4  
Page 5 caused a page fault. Frames: 5 4  
Page 6 caused a page fault. Frames: 5 6

Total Page Faults: 5

Process exited after 7.684 seconds with return value 0  
Press any key to continue . . .