

C:\Users\Dinesh\Documents\kous.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug kous.cpp

```
1 #include<stdio.h>
2 int findLRU(int time[], int n){int i, minimum = time[0], pos = 0;for(i = 1; i < n; ++i){if(time[i] <
3 }}
4 return pos;
5 }
6 int main()
7 {int no_of_frames, no_of_pages, frames[10], pages[30], counter = 0, time[10], flag1, flag2, i, j, pos,
8 for(i = 0; i < no_of_pages; ++i){scanf("%d", &pages[i]);
9 }for(i = 0; i < no_of_frames; ++i){frames[i] = -1;
10 }for(i = 0; i < no_of_pages; ++i){
11 flag1 = flag2 = 0;for(j = 0; j < no_of_frames; ++j){if(frames[j] == pages[i]){counter++;time[j] = count
12 break;
13 }
14 }if(flag1 == 0){for(j = 0; j < no_of_frames; ++j){ if(frames[j] == -1){ counter++; faults++; frames[j]
15 }}if(flag2 == 0){ pos = findLRU(time, no_of_frames); counter++; faults++; frames[pos] = pages[i];
16 time[pos] = counter;
17 }
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dinesh\Documents\kous.exe
- Output Size: 130.3046875 KiB
- Compilation Time: 0.50s

Line: 22 Col: 1 Sel: 0 Lines: 22 Length: 1166 Insert Done parsing in 0.125 seconds

Activate Windows  
Go to Settings to activate Windows.

9:53 AM  
9/20/2022



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(globals)

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```
7 int no_of_frames, no_of_pages, frames[10], pages[30], counter = 0, time[10], flag1, flag2, i, j, pos, faults;
8 for(i = 0; i < no_of_pages; ++i){scanf("%d", &pages[i]);}
9 for(i = 0; i < no_of_frames; ++i){frames[i] = -1;}
10 for(i = 0; i < no_of_pages; ++i){
11     flag1 = flag2 = 0; for(j = 0; j < no_of_frames; ++j){if(frames[j] == pages[i]){counter++; time[j] = counter;
12     break;
13     }
14     if(flag1 == 0){for(j = 0; j < no_of_frames; ++j){ if(frames[j] == -1){ counter++; faults++; frames[j]
15     }}if(flag2 == 0){ pos = findLRU(time, no_of_frames); counter++; faults++; frames[pos] = pages[i];
16     time[pos] = counter;
17     } printf("\n"); for(j = 0; j < no_of_frames; ++j){
18     printf("%d\t", frames[j]);
19     }
20     printf("\n\nTotal Page Faults = %d", faults); return 0;
21 }
22 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Shorten compiler paths

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Line: 22 Col: 1 Sel: 0 Lines: 22 Length: 1166 Insert Done parsing in 0.125 seconds

Type here to search

30°C 9/20/2022

C:\Users\Dinesh\Documents\kous.exe

Enter number of frames: 3

Enter number of pages: 10

Enter reference string: 7 5 9 4 3 7 9 6 2 1

7	-1	-1
7	5	-1
7	5	9
4	5	9
4	3	9
4	3	7
9	3	7
9	6	7
9	6	2
1	6	2

Total Page Faults = 10

-----

Process exited after 31.28 seconds with return value 0

Press any key to continue . . .