


Online C Compiler


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two level (exp 22) - Edit PDF


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C Online Compiler



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```
main.c
27
28         break;
29     }
30     if (k == num_pages) {
31         replace_index = j;
32         break;
33     }
34 }
35 frames[replace_index] = pages[i];
36 page_faults++;
37 }
38 }
39 return page_faults;
40 }
41 int main() {
42     int page_frames = 3;
43     int page_reference[] = {4, 1, 2, 4, 3, 2, 1, 5};
44     int num_pages = sizeof(page_reference) / sizeof(page_reference[0]);
45     int page_faults = optimal(page_reference, num_pages, page_frames);
46     printf("Page Reference Sequence: ");
47     for (int i = 0; i < num_pages; i++) {
48         printf("%d ", page_reference[i]);
49     }
50     printf("\n");
51     printf("Number of Page Faults: %d\n", page_faults);
52     return 0;
53 }
54
```

Run

Output

Clear

```
/tmp/CnvNfBqfZK.o
Page Reference Sequence: 4 1 2 4 3 2 1 5
Number of Page Faults: 5
```

Mac OS dock with various application icons including Safari, Messages, WhatsApp, Photos, Mail, Maps, Calendar, Music, Podcasts, App Store, and others.