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9  #include <stdio.h>
10 int main()
11 {
12     int referenceString[10], pageFaults = 0, m, n, s, pages, frames;
13     printf("\nEnter the number of Pages:\t");
14     scanf("%d", &pages);
15     printf("\nEnter reference string values:\n"); for( m = 0; m < pages; m++)
16     {
17         printf("Value No. [%d]:\t", m + 1);
18         scanf("%d", &referenceString[m]);
19     }
20     printf("\n What are the total number of frames:\t");
21     {
22         scanf("%d", &frames);
23     }
24     int temp[frames];
25     for(m = 0; m < frames; m++)
26     {
27         temp[m] = -1;
28     }
29     for(m = 0; m < pages; m++)
30     {
31         s = 0;
32         for(n = 0; n < frames; n++)
33         {
34             if(referenceString[m] == temp[n])

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33 - {
34   if(referenceString[m] == temp[n])
35   {
36     s++;
37     pageFaults--;
38   }}
39   pageFaults++;
40   if((pageFaults <= frames) && (s == 0))
41   {
42     temp[m] = referenceString[m];
43   }
44   else if(s == 0)
45   {
46     temp[(pageFaults - 1) % frames] = referenceString[m];
47   }
48   printf("\n");
49   for(n = 0; n < frames; n++)
50   {
51     printf("%d\t", temp[n]);
52   }
53 }
54 printf("\nTotal Page Faults:\t%d\n", pageFaults);
55 return 0;
56 }
57

```

Enter the number of Pages: 2

Enter reference string values:

Value No. [1]: 4

Value No. [2]: 3

What are the total number of frames: 3

4 -1 -1

4 3 -1

Total Page Faults: 2

< ...Program finished with exit code 0

Press ENTER to exit console.□

