

```

#include<stdio.h>

int main()
{
    int incomingStream[] = {5,10,12,6,22,44};
    int pageFaults = 0;
    int frames = 3;
    int m, n, s, pages;
    pages = sizeof(incomingStream)/sizeof(incomingStream[0]);
    printf(" Incoming \ t Frame 1 \ t Frame 2 \ t Frame 3 ");
    int temp[ frames ];
    for(m = 0; m < frames; m++)
    {
        temp[m] = -1;
    }
    for(m = 0; m < pages; m++)
    {
        s = 0;
        for(n = 0; n < frames; n++)
        {
            if(incomingStream[m] == temp[n])
            {
                s++;
                pageFaults--;
            }
        }
        pageFaults++;
        if((pageFaults <= frames) && (s == 0))
        {
            temp[m] = incomingStream[m];
        }
        else if(s == 0)

```

```
{
    temp[(pageFaults - 1) % frames] = incomingStream[m];
}
printf("\n");
printf("%d\t\t", incomingStream[m]);
for(n = 0; n < frames; n++)
{
    if(temp[n] != -1)
        printf(" %d\t\t", temp[n]);
    else
        printf(" - \t\t");
}
}
printf("\nTotal Page Faults:\t%d\n", pageFaults);
return 0;
}
```