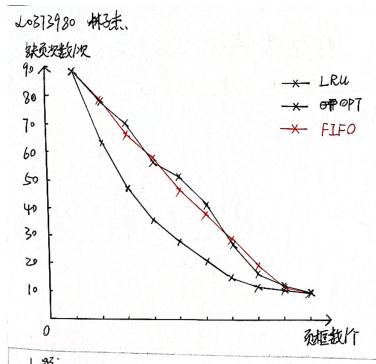
```
#include <stdio.h>
int visit[100] = {0, 9, 8, 4, 4, 3, 6, 5, 1, 5, 0, 2, 1, 1, 1, 1, 8, 8, 5,
                         3, 9, 8, 9, 9, 6, 1, 8, 4, 6, 4, 3, 7, 1, 3, 2, 9, 8, 6, 2, 9, 2, 7, 2, 7, 8, 4, 2, 3, 0, 1,
9, 4,
                         7, 1, 5, 9, 1, 7, 3, 4, 3, 7, 1, 0, 3, 5, 9, 9, 4, 9, 6, 1, 7, 5, 9, 4, 9, 7, 3, 6, 7, 7, 4,
5, 3, 5,
                         3, 1, 5, 6, 1,
                         1, 9, 6, 6, 4, 0, 9, 4, 3};
int FIFO(int frames) {
     int miss_times = 0, flag, i, j, max_cnt, max_pos;
     int tlb[2][100];
     for (i = 0; i < 100; i++) {
           tlb[0][i] = -1;
           tlb[1][i] = -1;
     for (i = 0; i < 100; i++) {
           for (j = 0, flag = 0; j < frames; j++) {
                if (visit[i] == tlb[0][j]) {
                      flag = 1;
                      break;
                }
           }
           if (flag == 0) {
                for (j = 0, max_cnt = -1, max_pos = 0; j < frames; j++) {
                      if (tlb[1][j] == -1) {
                            max_pos = j;
                            break;
                      if (tlb[1][j] > max_cnt) {
                            max_cnt = tlb[1][j];
                            max_pos = j;
                      }
                }
                tlb[0][max_pos] = visit[i];
                tlb[1][max_pos] = 0;
                miss_times++;
           }
     return miss_times;
}
int LRU(int frames) {
```

```
int miss_times = 0, flag, i, j, max_cnt, max_pos;
     int tlb[2][100];
     for (i = 0; i < 100; i++) {
          tlb[0][i] = -1;
          tlb[1][i] = -1;
     }
     for (i = 0; i < 100; i++) {
           for (j = 0, flag = 0; j < frames; j++) {
                if (visit[i] == tlb[0][j]) {
                     flag = 1;
                     tlb[1][j] = 0;
                     break;
                }
          }
           if (flag == 0) {
                for (j = 0, max_cnt = -1, max_pos = 0; j < frames; j++) {
                     if (tlb[1][j] == -1) {
                           max_pos = j;
                           break;
                     }
                     if (tlb[1][j] > max_cnt) {
                           max_cnt = tlb[1][j];
                           max_pos = j;
                     }
                }
                tlb[0][max_pos] = visit[i];
                tlb[1][max_pos] = 0;
                miss_times++;
          }
          for (j = 0; j < frames; j++) {
                if (tlb[1][j] != -1) {
                     tlb[1][j]++;
                }
          }
     return miss_times;
}
int main() {
     for (int i = 1; i \le 10; i++) {
           printf("LRU: Miss %d times when frame is %d\n", LRU(i), i);
     }
     for (int i = 1; i <= 10; i++) {
           printf("FIFO: Miss %d times when frame is %d\n", FIFO(i), i);
```

```
}
return 0;
}
```

OPT 算法不知为何我未能实现,故而借鉴了他人的算法,就不当做作业提交了。



人.解. 从 0 x 8 0 0 0 0 0 0 0 0 开始映射 4 M B 的 选定间 则 该地址对应 9 分框 号为 0 x 8 0 0 0 0 0 0 / L²² = 0 x 2 0 0 , 较负疑起 始地址为 0 x 8 0 0 0 0 0 0 0 + 4 k . 9 x 2 0 0 = 0 x 8 0 2 0 0 0 0 0

3.解

(1) 整个空间有上2B=4GB字书,一顿上2B=4KB字节

(2)

A:0x0,16的一级表得到0x0,页面交流,应产生较中断

B: 07000803004,访问-级勒泰中的 07002,得到 07x5001.且交通有效,访问 07x5000对应的二级表,由虚拟地址,访问其 07000003,得到 0x20001.有效, 高访可公2000的竞赛,得到 物理地址 07x20000, 而内偏端从取出 0x326001 一级表的

C:董似,020040201,访问02001,得到0x1001.截旋,且预明的,相控从地址,查询页录用0x2,得到0x2001,有效组合0x20050x1,得数据0x00(广下Byte)

(3) 应访问虚拟地址 2000000000000

级: 000000011 => 取出0x020000

一般 0 000000000 | 3 取出0次326000