**#include<stdio.h>**

**int main()**

**{**

**int i,j,n,a[50],frame[10],no,k,avail,count=0;**

**printf("ENTER THE NUMBER OF PAGES:");**

**scanf("%d",&n);**

**printf("ENTER THE PAGE NUMBER:");**

**for(i=1;i<=n;i++)**

**scanf("%d",&a[i]);**

**printf("ENTER THE NUMBER OF FRAMES:");**

**scanf("%d",&no);**

**for(i=0;i<no;i++)**

**frame[i]=-1;**

**j=0;**

**printf("\tref string\t page frames\n");**

**for(i=1;i<=n;i++)**

**{**

**printf("%d\t\t,a[i]");**

**avail=0;**

**for(k=0;k<no;k++)**

**if(frame[k]==a[i])**

**avail=1;**

**if(avail==0)**

**{**

**frame[j]=a[i];**

**j=(j+1)%no;**

**count++;**

**for(k=0;k<no;k++)**

**printf("%d\t",frame[k]);**

**}**

**printf("\n");**

**}**

**printf("Page Fault is %d",count);**

**return 0;**

**}**