Exp:31

Code:

#include<stdio.h>

#include<conio.h>

main()

{

int i, j, k, f, pf=0, count=0, rs[25], m[10], n;

printf("\n Enter the length of reference string -- ");

scanf("%d",&n);

printf("\n Enter the reference string -- ");

for(i=0;i<n;i++)

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

printf("\n Enter no. of frames -- ");

scanf("%d",&f);

for(i=0;i<f;i++)

m[i]=-1;

printf("\n The Page Replacement Process is -- \n");

for(i=0;i<n;i++)

{

for(k=0;k<f;k++)

{

if(m[k]==rs[i])

break;

}

if(k==f)

{

m[count++]=rs[i];

pf++;

}

for(j=0;j<f;j++)

printf("\t%d",m[j]);

if(k==f)

printf("\tPF No. %d",pf);

printf("\n");

if(count==f)

count=0;

}

printf("\n The number of Page Faults using FIFO are %d",pf);

getch();

}

Output:

