

Divyesh Mali

ROLL NO:27

```
#include<stdio.h>
int 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");
printf("ref.string\t\t page frames\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);
return 0; }
```

OUTPUT:

```
pvg-aids-ml@pvgaidsm1-HP-ProDesk-400-G4-SFF:~/Desktop/harshada02$ gcc
pract_5.c -o pract_5 pvg-aids-ml@pvgaidsm1-HP-ProDesk-400-G4-
SFF:~/Desktop/harshada02$ ./pract_5
```

Enter the length of reference string -- 4

Enter the reference string -- 2

1

3

4

Enter no. of frames -- 1

The Page Replacement Process is --

ref.string	page frames
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2	PF No. 1
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1	PF No. 2
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3	PF No. 3
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4	PF No. 4
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