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## OPERATINGSYSTEMEXP-10

PROGRAM:-

```
#include<stdio.h>

int main()
{
    int
    i,j,n,a[50],frame[10],no,k,avail,count=0;printf(
    "\nENTER THE NUMBER OF PAGES:\n");
    scanf("%d",&n);
    printf("\n ENTER THE PAGE NUMBER:\n");
    for(i=1;i<=n;i++)sc
    anf("%d",&a[i]);
    printf("\nENTER THE NUMBER OF FRAMES:");
    scanf("%d",&no);
    for(i=0;i<no;i++)f
    rame[i]=-1;
    j=0;
    printf("\trefstring\tpageframes\n");f
    or(i=1;i<=n;i++)
    {
        printf("%d\t\t",a[i]);
        avail=0;for(k=0;k<n
        o;k++)if(frame[k]==
        a[i])
```

```
avail=1;
if(avail==0)
{
frame[j]=a[i];j=(j+
1)%no;count++;fo
r(k=0;k<no;k++)
printf("%d\t",frame[k]);
}
printf("\n");
}
printf("PageFaults%d",count);r
eturn0;
}
```

**OUTPUT:-**

[REDACTED]

ENTER TEN NUMBER OF PALES

ENTER PALE NUMBER

1

2

3

4

5

6

7

8

9

ENTER TEN NUMBER OF RATE5:

[REDACTED]

0

1

[REDACTED]

[REDACTED]

[REDACTED]

7 6

7

[REDACTED]