FIFO

```c
#include<stdio.h>
int main()
{
int i,j,n,a[50],frame[10],no,k,avail,count=0;
        printf("\n ENTER THE NUMBER OF PAGES:\n");
scanf("%d",&n);
        printf("\n ENTER THE PAGE NUMBER :\n");
        for(i=1;i<=n;i++)
        scanf("%d",&a[i]);
        printf("\n 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;
}
```

OUTPUT

ENTER THE NUMBER OF PAGES:
10

 ENTER THE PAGE NUMBER :
2 3 4 2 1 3 7 5 4 3

 ENTER THE NUMBER OF FRAMES :3

ref string		page frames	
2	2	-1	-1
3	2	3	-1
4	2	3	4

```
2
1          1     3     4
3
7          1     7     4
5          1     7     5
4          4     7     5
3          4     3     5
Page Fault Is 8
```