```c
#include<stdio.h>
#define MAX 50
int main()
{
int page[MAX],i,n,f,ps,off,pno;
int choice=0;
printf("\nEnter the no of  peges in memory: ");
scanf("%d",&n);
printf("\nEnter page size: ");
scanf("%d",&ps);
printf("\nEnter no of frames: ");
scanf("%d",&f);
for(i=0;i<n;i++)
page[i]=-1;
printf("\nEnter the page table\n");
printf("(Enter frame no as -1 if that page is not present in any frame)\n\n");
printf("\npageno\tframeno\n-------\t-------");
for(i=0;i<n;i++)
{
printf("\n\n%d\t\t",i);
scanf("%d",&page[i]);
}
do
{
printf("\n\nEnter the logical address(i.e,page no & offset):");
scanf("%d%d",&pno,&off);
if(page[pno]==-1)
printf("\n\nThe required page is not available in any of frames");
else
printf("\n\nPhysical address(i.e,frame no & offset):%d,%d",page[pno],off);
printf("\nDo you want to continue(1/0)?:");
scanf("%d",&choice);
}while(choice==1);
return 1;
}
```

```
======  ======

0               -1

1               2

2               3

3               4

Enter the logical address(i.e,page no & offset):2 200

Physical address(i.e,frame no & offset):3,200
Do you want to continue(1/0)?:1

Enter the logical address(i.e,page no & offset):1 500

Physical address(i.e,frame no & offset):2,500
Do you want to continue(1/0)?:8 500

------------------------------------
Process exited after 21.7 seconds with return value 1
Press any key to continue . . .
```