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Lab Task-5

Course Code: CSE 310

Course Title: Operating Systems Lab

Submitted to:

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Sample Input:

```
#include<stdio.h>
void main () {
int memsize=15;
int pagesize,nofpage;
int p[100];
int frameno,offset;
int logadd,phyadd;
int i;
int choice =0;
printf("\nMemsize is %d",memsize);
printf("\n\nEnter page size:");
scanf("%d",&pagesize);
nofpage=memsize/pagesize;
for(i=0;i<nofpage;i++) {
printf("\nEnter the frame of page%d:",i+1);
scanf("%d",&p[i]); }
do {
printf("\nEnter a logical address:");
scanf("%d",&logadd);
frameno = logadd/pagesize;
offset=logadd%pagesize;
phyadd=(p[frameno]*pagesize)+offset;
printf("\nPhysical address is: %d",phyadd);
printf("\nDo you wat to continue(1/0)?:");
scanf("%d",&choice); }
while(choice==1); }
```

Output:

```
nowshin@Lenovoip320:~$ gcc Paging1.c -o Paging1
nowshin@Lenovoip320:~$ ./Paging1

Memsize is 15

Enter page size:4

Enter the frame of page1:14

Enter the frame of page2:13

Enter the frame of page3:18

Enter a logical address:4

Physical address is: 52
Do you wat to continue(1/0)?:0
nowshin@Lenovoip320:~$
```