**Week – 9**

**Aim:**

Implementation of paging technique of memory management

**Code:**

#include<stdio.h>

#include<unistd.h>

#include<stdbool.h>

int main() {

int ms, fs, np, frames[100][100];

printf("Enter memory size and frame size : ");

scanf("%d%d", &ms, &fs);

printf("Enter no.of processes : ");

scanf("%d", &np);

for(int i = 0; i < np; i++) {

int ps;

printf("Enter process %d size : ", i);

scanf("%d", &ps);

int nfr = ps / fs;

printf("No.of frames required is : %d\n", nfr);

printf("Enter frames for process %d : ", i);

for(int j = 0; j < nfr; j++)

scanf("%d", &frames[i][j]);

}

bool choice;

do {

int a, b, c;

printf("Enter process no, page no and offset : ");

scanf("%d%d%d", &a, &b, &c);

printf("The physical address is %d\n", frames[a][b] \* fs + c);

printf("Do you want to continue?(1/0) ");

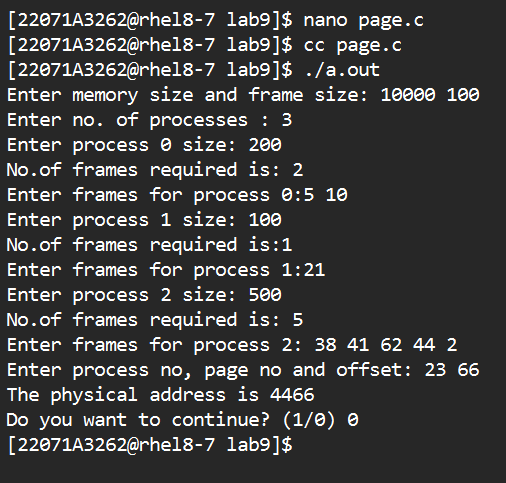
scanf("%d", &choice);

} while(choice);

return 0;

}

**Output:**

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