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**Lab3 OS**

**Code:**

#include <stdlib.h>

int main(){

int run = 1;

long long int x;

int y;

while(run){

printf("Please enter a physical address of only 32 bit?\n");

scanf("%lld",&x);

if(x<4294967294){

unsigned int pageno = (unsigned int) x/4096;

printf("The page number is %lld\n", pageno);

printf("The offset number is %lld\n", x%4096);

printf("The starting address is 0x%lld000\n", pageno);

printf("Do you want to continue, press 1 for yes and 0 for no\n");

scanf("%d",&run);

}

else{printf("Error");}

}

return 0;

