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Write a c program to list all the files that have been created after a certain date

Code:

#include <stdio.h>

#include <sys/stat.h>

#include <time.h>

#include <stdlib.h>

#include <unistd.h>

#include <dirent.h>

int main()

{

DIR \*d;

struct dirent \*dir;

struct stat st;

struct tm date;

char dirname[200];

printf("Enter directory or . for current ");

scanf("%s", dirname);

d = opendir(dirname);

if (!d)

{

printf("Error opening directory!");

exit(0);

}

int dd, mm, yyyy;

printf("dd ");

scanf("%d", &dd);

printf("mm ");

scanf("%d", &mm);

printf("yyyy ");

scanf("%d", &yyyy);

while ((dir = readdir(d)))

{

if (stat(dir->d\_name, &st) == 0)

{

date = \*gmtime(&st.st\_ctime);

int d = date.tm\_mday;

int m = date.tm\_mon;

int y = date.tm\_year + 1900;

if ((yyyy <= y) && (mm <= m) && (dd < d))

printf("%s\n", dir->d\_name);

else if ((yyyy <= y) && (mm < m))

printf("%s\n", dir->d\_name);

else if (yyyy < y)

printf("%s\n", dir->d\_name);

}

}

closedir(d);

return 0;

}

Output:

