Develop a C program for implementing random access file for processing

the employee details.

#include <stdio.h>

struct employeeData

{

unsigned int idNum;

char lastName[ 15 ];

char firstName[ 10 ];

double balance;

};

int main( void )

{

FILE \*cfPtr;

struct employeeData employee = { 0, "", "", 0.0 };

if ( ( cfPtr = fopen( "a.txt", "rb+" ) ) == NULL ) {

puts( "File could not be opened." );

}

else {

printf( "%s", "Enter account number"

" ( 1 to 100, 0 to end input )\n? " );

scanf( "%d", &employee.idNum );

while ( employee.idNum != 0 ) {

printf( "%s", "Enter lastname, firstname, balance\n? " );

fscanf( stdin, "%14s%9s%lf",employee.lastName,

employee.firstName, &employee.balance );

fseek( cfPtr, ( employee.idNum - 1 ) \*

sizeof( struct employeeData ), SEEK\_SET );

fwrite( &employee, sizeof( struct employeeData ), 1, cfPtr );

printf( "%s", "Enter account number\n? " );

scanf( "%d", &employee.idNum );

}

fclose( cfPtr );

}

}

Output:

