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#include <stdio.h>

#include <time.h>

#include <string.h>

#include <stdlib.h>

typedef struct {

int day, month, year;

} date;

typedef struct {

char name[50];

int accountNumber;

double balance;

date lastTrans;

} customer;

void getCustomerName(customer\* cptr);

void getAccountNumber(customer\* cptr);

void getLastTransDate(customer\* cptr);

void getBalance(customer\* cptr);

void printCustomer(customer\* cptr);

void main() {

int i;

char temp[100];

customer customers[3];

for (i = 0; i < 3; i++) {

getCustomerName(&customers[i]);

getAccountNumber(&customers[i]);

getLastTransDate(&customers[i]);

getBalance(&customers[i]);

gets\_s(temp, 100);

printf("\n");

}

printf("\n\n%25s\t%13s\t%12s\t%s\n\n", "Name", "Account Number",

"Balance", "Date of Last Transaction");

for (i = 0; i < 3; i++) {

printCustomer(&customers[i]);

}

}

void getCustomerName(customer\* cptr)

{

printf("Enter Customer Name: ");

scanf\_s("%s", cptr->name, 50);

}

void getAccountNumber(customer\* cptr)

{

printf("Enter Account Number: ");

scanf\_s("%d", &cptr->accountNumber);

}

void getLastTransDate(customer\* cptr)

{

printf("Enter last transaction date (dd/mm/yyyy): ");

scanf\_s("%d/%d/%d", &cptr->lastTrans.day, &cptr->lastTrans.month, &cptr->lastTrans.year);

}

void getBalance(customer\* cptr)

{

printf("Enter Current balance: ");

scanf\_s("%lf", &cptr->balance);

}

void printCustomer(customer\* cptr) //print the info of input customer pointed to

{

printf("\t\t%s\t\t%d\t\t%.2lf\t\t%d/%d/%d\n\n", cptr->name, cptr->accountNumber, cptr->balance, (\*cptr).lastTrans.day, (\*cptr).lastTrans.month, (\*cptr).lastTrans.year);

}

