

# BÀI TẬP THỰC HÀNH 2

Họ tên: Phạm Huy Hoàng.

MSSV: 23520538.

Github: [23520538\\_CoSoDuLieu \(github.com\)](https://github.com/23520538_CoSoDuLieu)

## **Bài 1:**

### **NHANVIEN:**

	MANV	HOTEN	SODT	NGVL
1	NV01	Nguyen Nhu Nhut	0927345678	2006-04-13 00:00:00
2	NV02	Le Thi Phi Yen	0987567390	2006-04-21 00:00:00
3	NV03	Nguyen Van B	0997047382	2006-04-27 00:00:00
4	NV04	Ngo Thanh Tuan	0913758498	2006-06-24 00:00:00
5	NV05	Nguyen Thi Truc Thanh	0918590387	2006-07-20 00:00:00

### **KHACHHANG:**

	MAKH	HOTEN	DCHI	SODT	NGSINH	NGDK	DOANHSONG
1	KH01	Nguyen Van A	731 Tran Hung Dao, Q5, TpHCM	08823451	1960-10-22 00:00:00	2006-07-22 00:00:00	13060000.00
2	KH02	Tran Ngoc Han	23/5 Nguyen Trai, Q5, TpHCM	0908256478	1974-04-03 00:00:00	2006-07-30 00:00:00	280000.00
3	KH03	Tran Ngoc Linh	45 Nguyen Canh Chan, Q1, TpHCM	0938776266	1980-06-12 00:00:00	2006-08-05 00:00:00	3860000.00
4	KH04	Tran Minh Long	50/34 Le Dai Hanh, Q10, TpHCM	0917325476	1965-03-09 00:00:00	2006-10-02 00:00:00	250000.00
5	KH05	Le Nhat Minh	34 Truong Dinh, Q3, TpHCM	08246108	1950-03-10 00:00:00	2006-10-28 00:00:00	21000.00
6	KH06	Le Hoai Thuong	227 Nguyen Van Cu, Q5, TpHCM	08631738	1981-12-31 00:00:00	2006-11-24 00:00:00	915000.00
7	KH07	Nguyen Van Tam	32/3 Tran Binh Trong, Q5, TpHCM	0916783565	1971-04-06 00:00:00	2006-12-01 00:00:00	12500.00
8	KH08	Phan Thi Thanh	45/2 An Duong Vuong, Q5, TpHCM	0938435756	1971-01-10 00:00:00	2006-12-13 00:00:00	365000.00
9	KH09	Le Ha Vinh	873 Le Hong Phong, Q5, TpHCM	08654763	1979-09-03 00:00:00	2007-01-14 00:00:00	70000.00
10	KH10	Ha Duy Lap	34/34B Nguyen Trai, Q1, TpHCM	08768904	1983-05-02 00:00:00	2007-01-16 00:00:00	675000.00

## SANPHAM:

Results Messages					
	MASP	TENSP	DVT	NUOCSX	GIA
1	BB01	But bi	cay	Viet Nam	5000.00
2	BB02	But bi	cay	Trung Quoc	5000.00
3	BB03	But bi	hop	Thai Lan	100000.00
4	BC01	But chi	cay	Singapore	3000.00
5	BC02	But chi	cay	Singapore	5000.00
6	BC03	But chi	cay	Viet Nam	3500.00
7	BC04	But chi	hop	Viet Nam	30000.00
8	ST01	So tay 500 trang	quyen	Trung Quoc	40000.00
9	ST02	So tay loại 1	quyen	Viet Nam	55000.00
10	ST03	So tay loại 2	quyen	Viet Nam	51000.00
11	ST04	So tay	quyen	Thai Lan	55000.00
12	ST05	So tay mong	quyen	Thai Lan	20000.00
13	ST06	Phan viet bang	hop	Viet Nam	5000.00
14	ST07	Phan khong bui	hop	Viet Nam	7000.00
15	ST08	Bong bang	cai	Viet Nam	5000.00
16	ST09	But long	cay	Viet Nam	5000.00
17	ST10	But long	cay	Trung Quoc	7000.00
18	TV01	Tap 100 giay mong	quyen	Trung Quoc	2500.00
19	TV02	Tap 200 giay mong	quyen	Trung Quoc	4500.00
20	TV03	Tap 100 giay tot	quyen	Viet Nam	3000.00
21	TV04	Tap 200 giay tot	quyen	Viet Nam	5500.00
22	TV05	Tap 100 trang	chuc	Viet Nam	23000.00
23	TV06	Tap 200 trang	chuc	Viet Nam	53000.00
24	TV07	Tap 100 trang	chuc	Trung Quoc	34000.00

## HOADON:

Results Messages					
	SOHD	NGHD	MAKH	MANV	TRIGIA
1	1001	2006-07-23 00:00:00	KH01	NV01	320000.00
2	1002	2006-08-12 00:00:00	KH01	NV02	840000.00
3	1003	2006-08-23 00:00:00	KH02	NV01	100000.00
4	1004	2006-09-01 00:00:00	KH02	NV01	180000.00
5	1005	2006-10-20 00:00:00	KH01	NV02	3800000.00
6	1006	2006-10-16 00:00:00	KH01	NV03	2430000.00
7	1007	2006-10-28 00:00:00	KH03	NV03	510000.00
8	1008	2006-10-28 00:00:00	KH01	NV03	440000.00
9	1009	2006-10-28 00:00:00	KH03	NV04	200000.00
10	1010	2006-11-01 00:00:00	KH01	NV01	5200000.00
11	1011	2006-11-04 00:00:00	KH04	NV03	250000.00
12	1012	2006-11-30 00:00:00	KH05	NV03	21000.00
13	1013	2006-12-12 00:00:00	KH06	NV01	5000.00
14	1014	2006-12-31 00:00:00	KH03	NV02	3150000.00
15	1015	2007-01-01 00:00:00	KH06	NV02	910000.00
16	1016	2007-01-01 00:00:00	KH07	NV02	12500.00
17	1017	2007-01-02 00:00:00	KH08	NV03	35000.00
18	1018	2007-01-13 00:00:00	KH01	NV03	330000.00
19	1019	2007-01-13 00:00:00	KH01	NV03	30000.00
20	1020	2007-01-14 00:00:00	KH09	NV04	70000.00
21	1021	2007-01-16 00:00:00	KH10	NV03	67500.00
22	1022	2007-01-16 00:00:00	NULL	NV03	7000.00
23	1023	2007-01-17 00:00:00	NULL	NV01	330000.00

CTHD:

Results				Messages			
	SOHD	MASP	SL				
1	1001	BC01	5	20	1008	ST04	8
2	1001	BC02	10	21	1009	ST05	10
3	1001	BC04	20	22	1010	ST04	50
4	1001	ST01	5	23	1010	ST07	50
5	1001	ST08	10	24	1010	ST08	100
6	1001	TV02	10	25	1010	TV03	100
7	1002	BB01	20	26	1010	TV07	50
8	1002	BB02	20	27	1011	ST06	50
9	1003	BB03	10	28	1012	ST07	3
10	1004	TV01	20	29	1013	ST08	5
11	1004	TV02	10	30	1014	BB01	50
12	1004	TV03	10	31	1014	BB02	100
13	1004	TV04	10	32	1014	BC02	80
14	1005	TV05	50	33	1014	BC04	60
15	1005	TV06	50	34	1015	BB02	30
16	1006	ST01	30	35	1015	BB03	7
17	1006	ST02	10	36	1016	TV01	5
18	1006	TV07	20	37	1017	TV02	1
19	1007	ST03	10	38	1017	TV03	1
20	1008	ST04	8	39	1017	TV04	5
				40	1018	ST04	6
				41	1019	ST05	1
				42	1019	ST06	2
				43	1020	ST07	10
				44	1021	ST08	5
				45	1021	TV01	7
				46	1021	TV02	10
				47	1022	ST07	1
				48	1023	ST04	6

## Bài 2:

KHOA:

Results				Messages			
	MAKHOA	TENKHOA	NGTLAP				
1	CNPM	Cong nghephan mem	2005-06-07 00:00:00				GV04
2	HTTT	He thong thong tin	2005-06-07 00:00:00				GV02
3	KHMT	Khoa hoc may tinh	2005-06-07 00:00:00				GV01
4	KTMT	Ky thuat may tinh	2005-12-20 00:00:00				Null
5	MTT	Mang va truyen thong	2005-10-20 00:00:00				GV03

## LOP:

	MALOP	TENLOP	TRGLOP	SISO	MAGVCN
1	K11	Lop 1 khoa 1	K1108	11	GV07
2	K12	Lop 2 khoa 1	K1205	12	GV09
3	K13	Lop 3 khoa 1	K1305	12	GV14

## MONHOC:

	MAMH	TENMH	TCLT	TCTH	MAKHOA
1	CSDL	Co so du lieu	3	1	HTTT
2	CTDLGT	Cau truc du lieu va giai thuat	3	1	KHMT
3	CTRR	Cau truc roi rac	5	0	KHMT
4	DHMT	Do hoa may tinh	3	1	KHMT
5	HDH	He dieu hanh	4	0	KTMT
6	KTMT	Kien truc may tinh	3	0	KTMT
7	LTCFW	Lap trinh C for win	3	1	CNPM
8	LTHDT	Lap trinh huong doi tuong	3	1	CNPM
9	NMCNPM	Nhap mon cong nghe phan mem	3	0	CNPM
10	PTTKHTTT	Phan tich thiet ke he thong thong tin	4	1	HTTT
11	PTTKTT	Phan tich thiet ke thuat toan	3	0	KHMT
12	THDC	Tin hoc dai cuong	4	1	KHMT
13	TKCSDL	Thiet ke co so du lieu	3	1	HTTT

## GIANGDAY:

	MALOP	MAMH	MAGV	HOCKY	NAM	TUNGAY	DENNGAY
1	K11	CSDL	GV05	2	2006	2006-06-01 00:00:00	2006-07-15 00:00:00
2	K11	CTDLGT	GV15	3	2006	2006-08-01 00:00:00	2006-12-15 00:00:00
3	K11	CTRR	GV02	1	2006	2006-01-09 00:00:00	2006-05-17 00:00:00
4	K11	DHMT	GV07	1	2007	2007-02-18 00:00:00	2007-03-20 00:00:00
5	K11	HDH	GV04	1	2007	2007-01-02 00:00:00	2007-02-18 00:00:00
6	K11	THDC	GV07	1	2006	2006-01-02 00:00:00	2006-05-12 00:00:00
7	K12	CSDL	GV09	2	2006	2006-06-01 00:00:00	2006-07-15 00:00:00
8	K12	CTDLGT	GV15	3	2006	2006-08-01 00:00:00	2006-12-15 00:00:00
9	K12	CTRR	GV02	1	2006	2006-01-09 00:00:00	2006-05-17 00:00:00
10	K12	HDH	GV04	1	2007	2007-01-02 00:00:00	2007-03-20 00:00:00
11	K12	THDC	GV06	1	2006	2006-01-02 00:00:00	2006-05-12 00:00:00
12	K13	CSDL	GV05	3	2006	2006-08-01 00:00:00	2006-12-15 00:00:00
13	K13	CTDLGT	GV15	2	2006	2006-06-01 00:00:00	2006-07-15 00:00:00
14	K13	CTRR	GV08	1	2006	2006-01-09 00:00:00	2006-05-17 00:00:00
15	K13	DHMT	GV07	3	2006	2006-08-01 00:00:00	2006-12-15 00:00:00
16	K13	THDC	GV15	1	2006	2006-01-02 00:00:00	2006-05-12 00:00:00

GIAOVIEN:

	MAGV	HOTEN	HOCVI	HOCHAM	GIOITINH	NGSINH	NGVL	HESO	MUCLUONG	MAKHOA
1	GV01	Ho Thanh Son	PTS	GS	Nam	1950-05-02 00:00:00	2004-01-11 00:00:00	5.00	2250000.00	KHMT
2	GV02	Tran Tam Thanh	TS	PGS	Nam	1965-12-17 00:00:00	2004-04-20 00:00:00	4.50	2025000.00	HTTT
3	GV03	Do Nghiem Phung	TS	GS	Nu	1950-08-01 00:00:00	2004-09-23 00:00:00	4.00	1800000.00	CNPM
4	GV04	Tran Nam Son	TS	PGS	Nam	1961-02-22 00:00:00	2005-01-12 00:00:00	4.50	2025000.00	KTMT
5	GV05	Mai Thanh Danh	ThS	GV	Nam	1958-03-12 00:00:00	2005-01-12 00:00:00	3.00	1350000.00	HTTT
6	GV06	Tran Doan Hung	TS	GV	Nam	1953-03-11 00:00:00	2005-01-12 00:00:00	4.50	2025000.00	KHMT
7	GV07	Nguyen Minh Tien	ThS	GV	Nam	1971-11-23 00:00:00	2005-03-01 00:00:00	4.00	1800000.00	KHMT
8	GV08	Le Thi Tran	KS	Null	Nu	1974-03-26 00:00:00	2005-03-01 00:00:00	1.69	760500.00	KHMT
9	GV09	Nguyen To Lan	ThS	GV	Nu	1966-12-31 00:00:00	2005-03-01 00:00:00	4.00	1800000.00	HTTT
10	GV10	Le Tran Anh Loan	KS	Null	Nu	1972-07-17 00:00:00	2005-03-01 00:00:00	1.86	837000.00	CNPM
11	GV11	Ho Thanh Tung	CN	GV	Nam	1980-01-12 00:00:00	2005-05-15 00:00:00	2.67	1201500.00	MTT
12	GV12	Tran Van Anh	CN	Null	Nu	1981-03-29 00:00:00	2005-05-15 00:00:00	1.69	760500.00	CNPM
13	GV13	Nguyen Linh Dan	CN	Null	Nu	1980-05-23 00:00:00	2005-05-15 00:00:00	1.69	760500.00	KTMT
14	GV14	Truong Minh Chau	ThS	GV	Nu	1976-11-30 00:00:00	2005-05-15 00:00:00	3.00	1350000.00	MTT
15	GV15	Le Ha Thanh	ThS	GV	Nam	1978-05-04 00:00:00	2005-05-15 00:00:00	3.00	1350000.00	KHMT

DIEUKIEN:

	MAMH	MAMH_TRUOC
1	CSDL	CTDLGT
2	CSDL	CTRR
3	CTDLGT	THDC
4	DHMT	THDC
5	LTHDT	THDC
6	PTTKHTTT	CSDL
7	PTTKTT	CTDLGT
8	PTTKTT	THDC

## KETQUATHI:

	MAHV	MAMH	LANTHI	NGTHI	DIEM	KQUA
1	K1101	CSDL	1	2006-07-20 00:00:00	10.00	Dat
2	K1101	CTDLGT	1	2006-12-28 00:00:00	9.00	Dat
3	K1101	CTRR	1	2006-05-13 00:00:00	9.50	Dat
4	K1101	THDC	1	2006-05-20 00:00:00	9.00	Dat
5	K1102	CSDL	1	2006-07-20 00:00:00	4.00	Khong Dat
6	K1102	CSDL	2	2006-07-27 00:00:00	4.25	Khong Dat
7	K1102	CSDL	3	2006-08-10 00:00:00	4.50	Khong Dat
8	K1102	CTDLGT	1	2006-12-28 00:00:00	4.50	Khong Dat
9	K1102	CTDLGT	2	2007-01-05 00:00:00	4.00	Khong Dat
10	K1102	CTDLGT	3	2007-01-15 00:00:00	6.00	Dat
11	K1102	CTRR	1	2006-05-13 00:00:00	7.00	Dat
12	K1102	THDC	1	2006-05-20 00:00:00	5.00	Dat
13	K1103	CSDL	1	2006-07-20 00:00:00	3.50	Khong Dat
14	K1103	CSDL	2	2006-07-27 00:00:00	8.25	Dat
15	K1103	CTDLGT	1	2006-12-28 00:00:00	7.00	Dat
16	K1103	CTRR	1	2006-05-13 00:00:00	6.50	Dat
17	K1103	THDC	1	2006-05-20 00:00:00	8.00	Dat
18	K1104	CSDL	1	2006-07-20 00:00:00	3.75	Khong Dat
19	K1104	CTDLGT	1	2006-12-28 00:00:00	4.00	Khong Dat
20	K1104	CTRR	1	2006-05-13 00:00:00	4.00	Khong Dat

	MAHV	MAMH	LANTHI	NGTHI	DIEM	KQUA
21	K1104	CTRR	2	2006-05-20 00:00:00	3.50	Khong Dat
22	K1104	CTRR	3	2006-06-30 00:00:00	4.00	Khong Dat
23	K1104	THDC	1	2006-05-20 00:00:00	4.00	Khong Dat
24	K1201	CSDL	1	2006-07-20 00:00:00	6.00	Dat
25	K1201	CTDLGT	1	2006-12-28 00:00:00	5.00	Dat
26	K1201	CTRR	1	2006-05-13 00:00:00	9.00	Dat
27	K1201	THDC	1	2006-05-20 00:00:00	8.50	Dat
28	K1202	CSDL	1	2006-07-20 00:00:00	8.00	Dat
29	K1202	CTDLGT	1	2006-12-28 00:00:00	4.00	Khong Dat
30	K1202	CTDLGT	2	2007-01-05 00:00:00	5.00	Dat
31	K1202	CTRR	1	2006-05-13 00:00:00	3.00	Khong Dat
32	K1202	CTRR	2	2006-05-20 00:00:00	4.00	Khong Dat
33	K1202	CTRR	3	2006-06-30 00:00:00	6.25	Dat
34	K1202	THDC	1	2006-05-20 00:00:00	4.00	Khong Dat
35	K1202	THDC	2	2006-05-27 00:00:00	4.00	Khong Dat
36	K1203	CSDL	1	2006-07-20 00:00:00	9.25	Dat
37	K1203	CTDLGT	1	2006-12-28 00:00:00	9.50	Dat
38	K1203	CTRR	1	2006-05-13 00:00:00	10.00	Dat
39	K1203	THDC	1	2006-05-20 00:00:00	10.00	Dat
40	K1204	CSDL	1	2006-07-20 00:00:00	8.50	Dat



Results Messages

	MAHV	MAMH	LANTHI	NGTHI	DIEM	KQUA
41	K1204	CTDLGT	1	2006-12-28 00:00:00	6.75	Dat
42	K1204	CTRR	1	2006-05-13 00:00:00	6.00	Dat
43	K1204	THDC	1	2006-05-20 00:00:00	4.00	Khong Dat
44	K1301	CSDL	1	2006-12-20 00:00:00	4.25	Khong Dat
45	K1301	CTDLGT	1	2006-07-25 00:00:00	8.00	Dat
46	K1301	CTRR	1	2006-05-13 00:00:00	8.00	Dat
47	K1301	THDC	1	2006-05-20 00:00:00	7.75	Dat
48	K1302	CSDL	1	2006-12-20 00:00:00	6.75	Dat
49	K1302	CTDLGT	1	2006-07-25 00:00:00	5.00	Dat
50	K1302	CTRR	1	2006-05-13 00:00:00	8.50	Dat
51	K1302	THDC	1	2006-05-20 00:00:00	8.00	Dat
52	K1303	CSDL	1	2006-12-20 00:00:00	4.00	Khong Dat
53	K1303	CTDLGT	1	2006-07-25 00:00:00	4.50	Khong Dat
54	K1303	CTDLGT	2	2006-08-07 00:00:00	4.00	Khong Dat
55	K1303	CTDLGT	3	2006-08-15 00:00:00	4.25	Khong Dat
56	K1303	CTRR	1	2006-05-13 00:00:00	3.25	Khong Dat
57	K1303	CTRR	2	2006-05-20 00:00:00	5.00	Dat
58	K1303	THDC	1	2006-05-20 00:00:00	4.50	Khong Dat
59	K1304	CSDL	1	2006-12-20 00:00:00	7.75	Dat
60	K1304	CTDLGT	1	2006-07-25 00:00:00	9.75	Dat
60	K1304	CTDLGT	1	2006-07-25 00:00:00	9.75	Dat
61	K1304	CTRR	1	2006-05-13 00:00:00	5.00	Dat
62	K1304	THDC	1	2006-05-20 00:00:00	5.50	Dat
63	K1305	CSDL	1	2006-12-20 00:00:00	9.25	Dat
64	K1305	CTDLGT	1	2006-07-25 00:00:00	10.00	Dat
65	K1305	CTRR	1	2006-05-13 00:00:00	10.00	Dat
66	K1305	THDC	1	2006-05-20 00:00:00	8.00	Dat



## HOCVIEN:

Results Messages										
	MAHV	HO	TEN	NGSINH	GIOITINH	NOISINH	MALOP	GHICHU	DIEMTB	XEPLOAI
1	K1101	Nguyen Van	A	1986-01-27 00:00:00	Nam	TpHCM	K11	NULL	NULL	NULL
2	K1102	Tran Ngoc	Han	1986-03-14 00:00:00	Nu	Kien Giang	K11	NULL	NULL	NULL
3	K1103	Ha Duy	Lap	1986-04-18 00:00:00	Nam	Nghe An	K11	NULL	NULL	NULL
4	K1104	Tran Ngoc	Linh	1986-03-30 00:00:00	Nu	Tay Ninh	K11	NULL	NULL	NULL
5	K1105	Tran Minh	Long	1986-02-27 00:00:00	Nam	TpHCM	K11	NULL	NULL	NULL
6	K1106	Le Nhat	Minh	1986-01-24 00:00:00	Nam	TpHCM	K11	NULL	NULL	NULL
7	K1107	Nguyen Nhu	Nhut	1986-01-27 00:00:00	Nam	Ha Noi	K11	NULL	NULL	NULL
8	K1108	Nguyen Manh	Tam	1986-02-27 00:00:00	Nam	Kien Giang	K11	NULL	NULL	NULL
9	K1109	Phan Thi Thanh	Tam	1986-01-27 00:00:00	Nu	Vinh Long	K11	NULL	NULL	NULL
10	K1110	Le Hoai	Thuong	1986-02-05 00:00:00	Nu	Can Tho	K11	NULL	NULL	NULL
11	K1111	Le Ha	Vinh	1986-12-25 00:00:00	Nam	Vinh Long	K11	NULL	NULL	NULL
12	K1201	Nguyen Van	B	1986-02-11 00:00:00	Nam	TpHCM	K12	NULL	NULL	NULL
13	K1202	Nguyen Thi Kim	Duyen	1986-01-18 00:00:00	Nu	TpHCM	K12	NULL	NULL	NULL
14	K1203	Tran Thi Kim	Duyen	1986-09-17 00:00:00	Nu	TpHCM	K12	NULL	NULL	NULL
15	K1204	Truong My	Hanh	1986-05-19 00:00:00	Nu	Dong Nai	K12	NULL	NULL	NULL
16	K1205	Nguyen Thanh	Nam	1986-04-17 00:00:00	Nam	TpHCM	K12	NULL	NULL	NULL
17	K1206	Nguyen Thi Truc	Thanh	1986-03-04 00:00:00	Nu	Kien Giang	K12	NULL	NULL	NULL
18	K1207	Tran Thi Bich	Thuy	1986-02-08 00:00:00	Nu	Nghe An	K12	NULL	NULL	NULL
19	K1208	Huynh Thi Kim	Trieu	1986-04-08 00:00:00	Nu	Tay Ninh	K12	NULL	NULL	NULL
20	K1209	Pham Thanh	Trieu	1986-02-23 00:00:00	Nam	TpHCM	K12	NULL	NULL	NULL
21	K1210	Ngo Thanh	Tuan	1986-02-14 00:00:00	Nam	TpHCM	K12	NULL	NULL	NULL
22	K1211	Do Thi	Xuan	1986-03-09 00:00:00	Nu	Ha Noi	K12	NULL	NULL	NULL
23	K1212	Le Thi Phi	Yen	1986-03-12 00:00:00	Nu	TpHCM	K12	NULL	NULL	NULL
24	K1301	Nguyen Thi Kim	Cuc	1986-06-09 00:00:00	Nu	Kien Giang	K13	NULL	NULL	NULL
25	K1302	Truong Thi My	Hien	1986-03-18 00:00:00	Nu	Nghe An	K13	NULL	NULL	NULL
26	K1303	Le Duc	Hien	1986-03-21 00:00:00	Nam	Tay Ninh	K13	NULL	NULL	NULL
27	K1304	Le Quang	Hien	1986-04-18 00:00:00	Nam	TpHCM	K13	NULL	NULL	NULL
28	K1305	Le Thi	Huong	1986-03-27 00:00:00	Nu	TpHCM	K13	NULL	NULL	NULL
29	K1306	Nguyen Thai	Huu	1986-03-30 00:00:00	Nam	Ha Noi	K13	NULL	NULL	NULL
30	K1307	Tran Minh	Man	1986-05-28 00:00:00	Nam	TpHCM	K13	NULL	NULL	NULL
31	K1308	Nguyen Hieu	Nghia	1986-04-08 00:00:00	Nam	Kien Giang	K13	NULL	NULL	NULL
32	K1309	Nguyen Trung	Nghia	1987-01-18 00:00:00	Nam	Nghe An	K13	NULL	NULL	NULL
33	K1310	Tran Thi Hong	Tham	1986-04-22 00:00:00	Nu	Tay Ninh	K13	NULL	NULL	NULL
34	K1311	Tran Minh	Thuc	1986-04-04 00:00:00	Nam	TpHCM	K13	NULL	NULL	NULL
35	K1312	Nguyen Thi Kim	Yen	1986-09-07 00:00:00	Nu	TpHCM	K13	NULL	NULL	NULL

## Bài 3:

## SANPHAM1:

	Results	Messages			
	MASP	TENSP	DVT	NUOCSX	GIA
1	BB01	But bi	cay	Viet Nam	5000.00
2	BB02	But bi	cay	Trung Quoc	4286.875
3	BB03	But bi	hop	Thai Lan	115762.50
4	BC01	But chi	cay	Singapore	3000.00
5	BC02	But chi	cay	Singapore	5000.00
6	BC03	But chi	cay	Viet Nam	3500.00
7	BC04	But chi	hop	Viet Nam	30000.00
8	ST01	So tay 500 trang	quyen	Trung Quoc	40000.00
9	ST02	So tay loai 1	quyen	Viet Nam	55000.00
10	ST03	So tay loai 2	quyen	Viet Nam	51000.00
11	ST04	So tay	quyen	Thai Lan	63669.375
12	ST05	So tay mong	quyen	Thai Lan	23152.50
13	ST06	Phan viet bang	hop	Viet Nam	5000.00
14	ST07	Phan khong bui	hop	Viet Nam	7000.00
15	ST08	Bong bang	cai	Viet Nam	5000.00
16	ST09	But long	cay	Viet Nam	5000.00
17	ST10	But long	cay	Trung Quoc	6001.625
18	TV01	Tap 100 giay mong	quyen	Trung Quoc	2143.4375
19	TV02	Tap 200 giay mong	quyen	Trung Quoc	3858.1875
20	TV03	Tap 100 giay tot	quyen	Viet Nam	3000.00
21	TV04	Tap 200 giay tot	quyen	Viet Nam	5500.00
22	TV05	Tap 100 trang	chuc	Viet Nam	23000.00
23	TV06	Tap 200 trang	chuc	Viet Nam	53000.00
24	TV07	Tap 100 trang	chuc	Trung Quoc	34000.00

## KHACHHANG1:

Results		Messages						
	MAKH	HOTEN	DCHI	SODT	NGSINH	NGDK	DOANHISO	LOAIKH
1	KH01	Nguyen Van A	731 Tran Hung Dao, Q5, TpHCM	08823451	1960-10-22 00:00:00	2006-07-22 00:00:00	13060000.00	VIP
2	KH02	Tran Ngoc Han	23/5 Nguyen Trai, Q5, TpHCM	0908256478	1974-04-03 00:00:00	2006-07-30 00:00:00	280000.00	NULL
3	KH03	Tran Ngoc Linh	45 Nguyen Canh Chan, Q1, TpHCM	0938776266	1980-06-12 00:00:00	2006-08-05 00:00:00	3860000.00	NULL
4	KH04	Tran Minh Long	50/34 Le Dai Hanh, Q10, TpHCM	0917325476	1965-03-09 00:00:00	2006-10-02 00:00:00	250000.00	NULL
5	KH05	Le Nhat Minh	34 Truong Dinh, Q3, TpHCM	08246108	1950-03-10 00:00:00	2006-10-28 00:00:00	21000.00	NULL
6	KH06	Le Hoai Thuong	227 Nguyen Van Cu, Q5, TpHCM	08631738	1981-12-31 00:00:00	2006-11-24 00:00:00	915000.00	NULL
7	KH07	Nguyen Van Tam	32/3 Tran Binh Trong, Q5, TpHCM	0916783565	1971-04-06 00:00:00	2006-12-01 00:00:00	12500.00	NULL
8	KH08	Phan Thi Thanh	45/2 An Duong Vuong, Q5, TpHCM	0938435756	1971-01-10 00:00:00	2006-12-13 00:00:00	365000.00	NULL
9	KH09	Le Ha Vinh	873 Le Hong Phong, Q5, TpHCM	08654763	1979-09-03 00:00:00	2007-01-14 00:00:00	70000.00	NULL
10	KH10	Ha Duv Lap	34/34B Nguven Trai, Q1, TpHCM	08768904	1983-05-02 00:00:00	2007-01-16 00:00:00	675000.00	NULL

## Bài 4:

## Bài 5:

- 1.

	Results	Messages
	MASP	TENSP
1	BB02	But bi
2	ST01	So tay 500 trang
3	ST10	But long
4	TV01	Tap 100 giay mong
5	TV02	Tap 200 giay mong
6	TV07	Tap 100 trang

- 2.

	Results	Messages
	MASP	TENSP
1	BB01	But bi
2	BB02	But bi
3	BC01	But chi
4	BC02	But chi
5	BC03	But chi
6	ST01	So tay 500 trang
7	ST02	So tay loai 1
8	ST03	So tay loai 2
9	ST04	So tay
10	ST05	So tay mong
11	ST09	But long
12	ST10	But long
13	TV01	Tap 100 giay mong
14	TV02	Tap 200 giay mong
15	TV03	Tap 100 giay tot
16	TV04	Tap 200 giay tot

- 3.

	Results	Message
	MASP	TENSP
1	BB01	But bi
2	BC01	But chi

- 4.

	Results	Messages
	MASP	TENSP
1	ST01	So tay 500 trang
2	TV07	Tap 100 trang

- 5.

Results		Messages
	MASP	TENSP
1	ST01	So tay 500 trang
2	TV07	Tap 100 trang

- 6.

Results		Messages
	SOHD	TRIGIA
1	1015	910000.00
2	1016	12500.00

- 7.

Results		Messages
	SOHD	TRIGIA
1	1015	910000.00
2	1016	12500.00
3	1017	35000.00
4	1018	330000.00
5	1019	30000.00
6	1020	70000.00
7	1021	67500.00
8	1022	7000.00
9	1023	330000.00

- 8.

Results		Messages
	MAKH	HOTEN
1	KH06	Le Hoai Thuong
2	KH07	Nguyen Van Tam

- 9.

Results		Messages
	SOHD	TRIGIA
1	1007	510000.00
2	1008	440000.00

- 10.

Results		Messages
	MASP	TENSP
1	TV05	Tap 100 trang
2	TV06	Tap 200 trang
3	ST01	So tay 500 trang
4	ST02	So tay loại 1
5	TV07	Tap 100 trang
6	ST04	So tay

- 11.

Results		Messages
	SOHD	
1	1002	
2	1014	
3	1015	

## **Bài 6:**

- 1.

Results

Messages

	MAHV	HOTEN	NGSINH	MALOP
1	K1108	Nguyen Manh Tam	1986-02-27 00:00:00	K11
2	K1205	Nguyen Thanh Nam	1986-04-17 00:00:00	K12
3	K1305	Le Thi Huong	1986-03-27 00:00:00	K13

- 2.

Results

Messages

	MAHV	HOTEN	LANTHI	DIEM
1	K1201	Nguyen Van B	1	9.00
2	K1202	Nguyen Thi Kim Duyen	1	3.00
3	K1202	Nguyen Thi Kim Duyen	2	4.00
4	K1202	Nguyen Thi Kim Duyen	3	6.25
5	K1203	Tran Thi Kim Duyen	1	10.00
6	K1204	Truong My Hanh	1	6.00

- 3.

Results		Messages	
	MAHV	HOTEN	MAMH
1	K1101	Nguyen Van A	CSDL
2	K1101	Nguyen Van A	CTDLGT
3	K1101	Nguyen Van A	CTRR
4	K1101	Nguyen Van A	THDC
5	K1102	Tran Ngoc Han	CTRR
6	K1102	Tran Ngoc Han	THDC
7	K1103	Ha Duy Lap	CTDLGT
8	K1103	Ha Duy Lap	CTRR
9	K1103	Ha Duy Lap	THDC
10	K1201	Nguyen Van B	CSDL
11	K1201	Nguyen Van B	CTDLGT
12	K1201	Nguyen Van B	CTRR
13	K1201	Nguyen Van B	THDC
14	K1202	Nguyen Thi Kim Duyen	CSDL
15	K1203	Tran Thi Kim Duyen	CSDL
16	K1203	Tran Thi Kim Duyen	CTDLGT
17	K1203	Tran Thi Kim Duyen	CTRR
18	K1203	Tran Thi Kim Duyen	THDC
19	K1204	Truong My Hanh	CSDL
20	K1204	Truong My Hanh	CTDLGT
21	K1204	Truong My Hanh	CTRR
22	K1301	Nguyen Thi Kim Cuc	CTDLGT
23	K1301	Nguyen Thi Kim Cuc	CTRR
24	K1301	Nguyen Thi Kim Cuc	THDC
25	K1302	Truong Thi My Hien	CSDL
26	K1302	Truong Thi My Hien	CTDLGT
27	K1302	Truong Thi My Hien	CTRR
28	K1302	Truong Thi My Hien	THDC
29	K1304	Le Quang Hien	CSDL
30	K1304	Le Quang Hien	CTDLGT
31	K1304	Le Quang Hien	CTRR
32	K1304	Le Quang Hien	THDC
33	K1305	Le Thi Huong	CSDL
34	K1305	Le Thi Huong	CTDLGT
35	K1305	Le Thi Huong	CTRR
36	K1305	Le Thi Huong	THDC

- 4.

Results		Messages	
	MAHV	HOTEN	
1	K1104	Tran Ngoc Linh	

- 5.



Results		Messages
	MAHV	HOTEN
1	K1104	Tran Ngoc Linh