

Question 1:

Imagine you have a table – **Claim_REC** including 3 columns:

- Customer_ID
- Claim_date
- Claim_amount

Write a query to **ONLY** return the last claim record for each Customer (*one customer may claim multiple times, so only select the latest claim record*)

Question 2:

Task:

Based on all the tables below, I want to list the names of supervisors for the crew on the flight to **Copenhagen (destination= CPH) on March 4, 2013**

Please write your query:

Important note:

- Supervisors live in the same state as the employees they supervise.
- There is one supervisor for each state and job category. Therefore, to find the supervisor for employee, you need to make sure that supervisor's state = employee's state and supervisor's job category = employee's job category
- Table Flightschedule and Payrollmaster **only** contain information for **the crew**
- Table Staffmaster contain information for **the crew and supervisors**
- The Jobcode with the same first 2 characters belong to the same job category, for example, jobcode TA2 and TA3 are under job category TA. Hint: use substring(jobcode ,1,2)=jobcategory

Table: **flightschedule**

Columns: empid, date, destination, flightnumber

Date	Destination	FlightNumber	EmpID
04MAR2013	YYZ	182	1269
04MAR2013	LHR	219	1739
04MAR2013	LHR	219	1478
04MAR2013	LHR	219	1130
04MAR2013	LHR	219	1125
04MAR2013	LHR	219	1983
04MAR2013	LHR	219	1332
04MAR2013	CDG	271	1407
04MAR2013	CDG	271	1410
04MAR2013	CDG	271	1094
04MAR2013	CDG	271	1411
04MAR2013	CDG	271	1115
04MAR2013	CDG	271	1443
04MAR2013	CPH	387	1556
04MAR2013	CPH	387	1830
04MAR2013	CPH	387	1124
04MAR2013	CPH	387	1135
04MAR2013	CPH	387	1437
04MAR2013	CPH	387	1839
04MAR2013	FRA	622	1545
04MAR2013	FRA	622	1890
04MAR2013	FRA	622	1116
04MAR2013	FRA	622	1221

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Table: **staffmaster**

Column: empid, firstname,lastname,state,phonenumber

EmpID	LastName	FirstName	City	State	PhoneNumber
1919	ADAMS	GERALD	STAMFORD	CT	203/781-1255
1653	ALEXANDER	SUSAN	BRIDGEPORT	CT	203/675-7715
1400	APPLE	TROY	NEW YORK	NY	212/586-0808
1350	ARTHUR	BARBARA	NEW YORK	NY	718/383-1549
1401	AVERY	JERRY	PATERSON	NJ	201/732-8787
1499	BAREFOOT	JOSEPH	PRINCETON	NJ	201/812-5665
1101	BAUCOM	WALTER	NEW YORK	NY	212/586-8060
1333	BLAIR	JUSTIN	STAMFORD	CT	203/781-1777
1402	BLALOCK	RALPH	NEW YORK	NY	718/384-2849
1479	BOSTIC	MARIE	NEW YORK	NY	718/384-8816
1403	BOWDEN	EARL	BRIDGEPORT	CT	203/675-3434
1739	BOYCE	JONATHAN	NEW YORK	NY	212/587-1247
1658	BRADLEY	JEREMY	NEW YORK	NY	212/587-3622
1428	BRADY	CHRISTINE	STAMFORD	CT	203/781-1212
1782	BROWN	JASON	STAMFORD	CT	203/781-0019
1244	BRYANT	LEONARD	NEW YORK	NY	718/383-3334
1383	BURNETTE	THOMAS	NEW YORK	NY	718/384-3569
1574	CAHILL	MARSHALL	NEW YORK	NY	718/383-2338
1789	CARAWAY	DAVIS	NEW YORK	NY	212/587-9000
1404	CARTER	DONALD	NEW YORK	NY	718/384-2946
1437	CARTER	DOROTHY	BRIDGEPORT	CT	203/675-4117
1639	CARTER	KAREN	STAMFORD	CT	203/781-8839
1269	CASTON	FRANKLIN	STAMFORD	CT	203/781-3335
1065	CHAPMAN	NEIL	NEW YORK	NY	718/384-5618

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Table: **payrollmaster** – has payroll information for the crew

Columns: dateofbirth, dateofhire, empid, gender, jobcode, salary

DateOfBirth	DateOfHire	EmpID	Gender	JobCode	Salary
16SEP1968	07JUN1995	1919	M	TA2	\$48,126
19OCT1972	12AUG1998	1653	F	ME2	\$49,151
08NOV1975	19OCT1998	1400	M	ME1	\$41,677
04SEP1973	01AUG1998	1350	F	FA3	\$46,040
16DEC1958	21NOV1993	1401	M	TA3	\$54,351
29APR1962	11JUN1988	1499	M	ME3	\$60,235
09JUN1970	04OCT1998	1101	M	SCP	\$26,212
03APR1969	14FEB1989	1333	M	PT2	\$124,048
20JAN1971	05DEC1998	1402	M	TA2	\$45,661
26DEC1976	09OCT1997	1479	F	TA3	\$54,299
01FEB1977	24DEC1999	1403	M	ME1	\$39,301
29DEC1972	30JAN1999	1739	M	PT1	\$93,124
11APR1975	04MAR2000	1658	M	SCP	\$25,120
07APR1978	19NOV1999	1428	F	PT1	\$96,274
07DEC1978	25FEB2000	1782	M	ME2	\$49,483
03SEP1971	20JAN1996	1244	M	ME2	\$51,695
28JAN1976	24OCT2000	1383	M	BCK	\$36,152
01MAY1968	24DEC2000	1574	M	FA2	\$40,001
29JAN1965	14APR1986	1789	M	SCP	\$25,656
28FEB1961	04JAN1988	1404	M	PT2	\$127,926

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Table: **supervisors**

Columns: empid, state, jobcategory

EmpID	State	JobCategory
1677	CT	BC
1834	NY	BC
1431	CT	FA
1433	NJ	FA
1983	NY	FA
1385	CT	ME
1420	NJ	ME
1882	NY	ME
1935	CT	NA
1417	NJ	NA
1352	NY	NA
1106	CT	PT
1442	NJ	PT
1118	NY	PT
1405	NJ	SC
1564	NY	SC
1639	CT	TA
1401	NJ	TA
1126	NY	TA

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