Table: Employee

EMPID	Name	Team	Salary	DOJ	Sal_Grades	City	Manager
123	DOUG	Analytics	45,905	1/21/2011	A	HYD	Larry
124	DAVE	Analytics	50,329	9/21/2001	A	HYD	DOUG
125	Larry	Analytics	50,329	3/1/2009	B	HYD	Brian
126	ROB	Finance	38,251	8/24/2006	B	NYC	Morgan
127	Brian	Analytics	11,845	4/29/2007	B	NYC	ROB
128	Morgan	Analytics	27,972	5/4/2008	C	NYC	Morgan
129	Kajal	Finance	13,232	8/24/2006	D	MNL	Mala
130	Richa	Reporting	71,204	4/29/2007	D	MNL	Mala
131	Mala	Reporting	20,752	5/4/2008	D	MNL	Ram
132	Ram	Reporting	20,752	3/1/2009	C	SG	Aalam
133	Parvati	HR	52,382	12/29/2009	C	SG	Parvati
134	Aalam	Reporting	35,908	1/21/2011	A	SG	Parvati
135	Reeta	HR	35,908	2/9/2012	B	SG	Aalam

Write down the following queries:

1. Extract the 2-level reporting hierarchy of each employee from the **Employee** table.
   Eg: Employee – Manager Level1 –Manager Level 2
   DOUG->Larry->Brain
   Reeta->Aalam->Parvati

2. Write a query to pull only the second highest salaries by team.

3. Display the list of unique teams

4. Extract the names of the employees who has joined before their manager.
   Eg: DAVE has joined in 2001 before his manager DOUG, who joined in 2011

5. Create a flag variable that contains 1 if the employee salary is above the team's average salary, else 0.

6. Create table with the avg,min,max,sum of salaries by City

7. Display the salary grades, for those avg salary is greater than 30,000

8. Create table with the employee data of city other than 'NYC' and salary grade other than 'A,B,D'

9. Create flag variable contains- "Premium" if salary > 36000, else "Standard"

10. Create 3 new variables – Increase salary by 10%, 15% and 20%.