

Assignment

Unext is a company. They want to create an Employee Database. The system should have following features:

Employee Table (sample data is given below; you are free to put your own data):

Employee_Id	First_Name	Last_Name	Sur_Name	DOJ	DOB	Qualification	Address	Contact_Number	Designation	Role
1	xxx	yyy	xyy	10-7-2011	15-02-1986	B.Tech	abcd	+9184454545	2	1
2	xyz	yzx	yxv	15-2-2010	21-07-1984	M.C.A	wewr	+9187564523	3	2
3	bsd	tys	yuo	16-03-2011	12-12-1982	B.Tech	wewe	+9188564552	2	3

Designations for organization are maintained in a separate Table. Designations are 'Associate, Senior Associate, Consultant, Lead Consultant, Senior Consultant, Associate Managing Consultant, Managing Consultant, Principle Consultant, Vice President, Senior Vice president, CEO, Managing Director'.

Designation Table:

Designation_Id	Designation_Name	Designation_Description
1	Associate	Associate
2	Senior Associate	Senior Associate
3	Lead Consultant	Lead Consultant
4	Senior Consultant	Senior Consultant
5	Associate Managing Consultant	Associate Managing Consultant
6	Managing Consultant	Managing Consultant
7	Principle Consultant	Principle Consultant
8	Vice President	Vice President
9	Senior Vice president	Senior Vice president
10	CEO	CEO
11	Managing Director	Managing Director

Roles are maintained in a separate Table. **Unext** Roles are ‘Software Engineer, Senior Software Engineer, Test Engineer, Team Lead, Business Analyst, Technology Specialist, Manager and Senior Manager’.

Role Table

Role_Id	Role_Name	Role_Description
1	Software Engineer	Software Engineer
2	Senior Software Engineer	Senior Software Engineer
3	Test Engineer	Test Engineer
4	Team Lead	Team Lead
5	Business Analyst	Business Analyst
6	Technology Specialist	Technology Specialist
7	Manager	Manager
8	Senior Manager	Senior Manager

- 1) Write 2 different methods to fetch the employee details given Employee's ID / Designation Name

Tasks:

1. For Employee Id Search

Sample Input:

1

Sample Output:

[1, xxx, yyy, xxy, Senior Associate, Software Engineer]

2. For Employee Designation Search

Sample Input:

Senior Associate

Sample Output:

[1, xxx, yyy, xxy, Senior Associate, 3, bcd, tys, yuo, Senior Associate]

