

# POWER BI ASSIGNMENT-3

## 1. Using Employee details splitting City and code

The screenshot shows the Power Query Editor interface. The main area displays a table with 24 rows and 2 columns: 'City' and 'City Code'. The 'City' column contains names of Indian cities, and the 'City Code' column contains their corresponding codes. The formula bar shows the transformation: `= Table.RenameColumns(#"Changed Type1",{{"City.1", "City"}, {"City.2", "City Code"}})`. The right-hand pane shows the 'Query Settings' for 'Employee Data', including the 'APPLIED STEPS' list.

City	City Code
1 Agra	[AG1]
2 Ahmedabad	[AH5]
3 Allahabad	[AL2]
4 Amritsar	[AM3]
5 Aurangabad	[AU8]
6 Bangalore	[BA1]
7 Bareilly	[BA2]
8 Bhopal	[BH9]
9 Chandigarh	[CH9]
10 Chennai	[CH7]
11 Coimbatore	[CO7]
12 Delhi	[DE3]
13 Dhanbad	[DH5]
14 Faridabad	[FA4]
15 Ghaziabad	[GH4]
16 Guwahati	[GU2]
17 Gwalior	[GW4]
18 Howrah	[HO7]
19 Hubballi-Dharwad	[HU1]
20 Hyderabad	[HY8]
21 Indore	[IN1]
22 Jabalpur	[JA9]
23 Jaipur	[JA6]
24 Jodhpur	[JO6]

## 2. Extracting First Name from Employee Name

The screenshot shows the Power Query Editor interface. The main area displays a table with 24 rows and 1 column: 'First Name'. The 'First Name' column contains the first names of employees. The formula bar shows the transformation: `= Table.RenameColumns(#"Extracted Text Before Delimiter",{{"Employee Name", "First Name"}})`. The right-hand pane shows the 'Query Settings' for 'Employee Data', including the 'APPLIED STEPS' list.

First Name
1 Bonnie
2 Bonnie
3 Bonnie
4 Bonnie
5 Bonnie
6 Bonnie
7 Ronnie
8 Ronnie
9 Dwight
10 Dwight
11 Dwight
12 Dwight
13 Leon
14 Melanie
15 Lorraine
16 Meredith
17 Marcus
18 Kara
19 Gwendolyn
20 Gwendolyn
21 Gwendolyn
22 Gwendolyn
23 Gwendolyn
24 Timothy

# POWER BI ASSIGNMENT-3

- Using the JOINING DATE column extract the Year and no. of days for that month.

The screenshot shows the Power Query Editor interface. The main area displays a table with 24 rows and 3 columns: 'Joining Date', 'Year of Joining Date', and 'Days in Month'. The formula bar at the top shows the transformation: `= Table.RenameColumns(#"Calculated Days in Month",{{"Joining Date - Copy", "Days in Month"}})`. The right-hand pane shows the 'APPLIED STEPS' list, which includes 'Renamed Columns1'.

	Joining Date	Year of Joining Date	Days in Month
1	05-11-2016	2016	30
2	26-08-2016	2016	31
3	27-01-2017	2017	31
4	12-12-2015	2015	31
5	08-04-2015	2015	30
6	26-03-2016	2016	31
7	20-11-2015	2015	30
8	14-04-2017	2017	30
9	11-01-2016	2016	31
10	17-06-2016	2016	30
11	21-10-2015	2015	31
12	07-04-2015	2015	30
13	19-05-2015	2015	31
14	11-05-2016	2016	31
15	09-06-2016	2016	30
16	19-07-2016	2016	31
17	12-04-2015	2015	30
18	05-03-2017	2017	31
19	12-01-2017	2017	31
20	20-02-2015	2015	28
21	09-03-2017	2017	31
22	30-09-2016	2016	30
23	20-09-2016	2016	30
24	14-11-2016	2016	30

- Clustered column chart with Salary for each state.  
Assam and Chandigarh have least salaries

