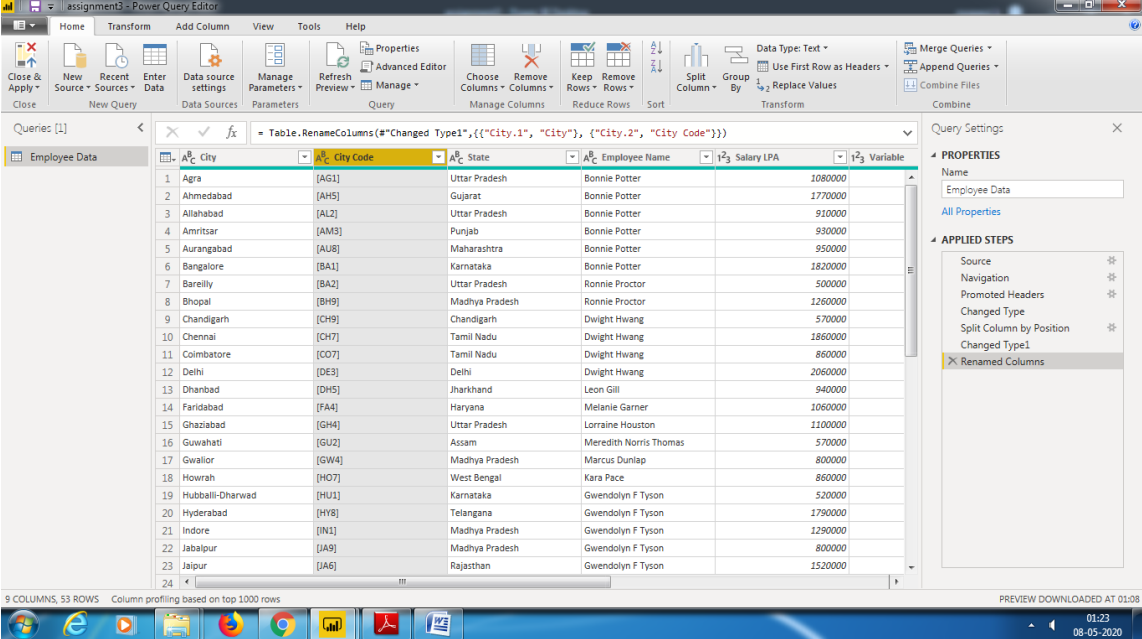


## ASSIGNMENT 3

- Use the Employee Details dataset and perform the following activities:

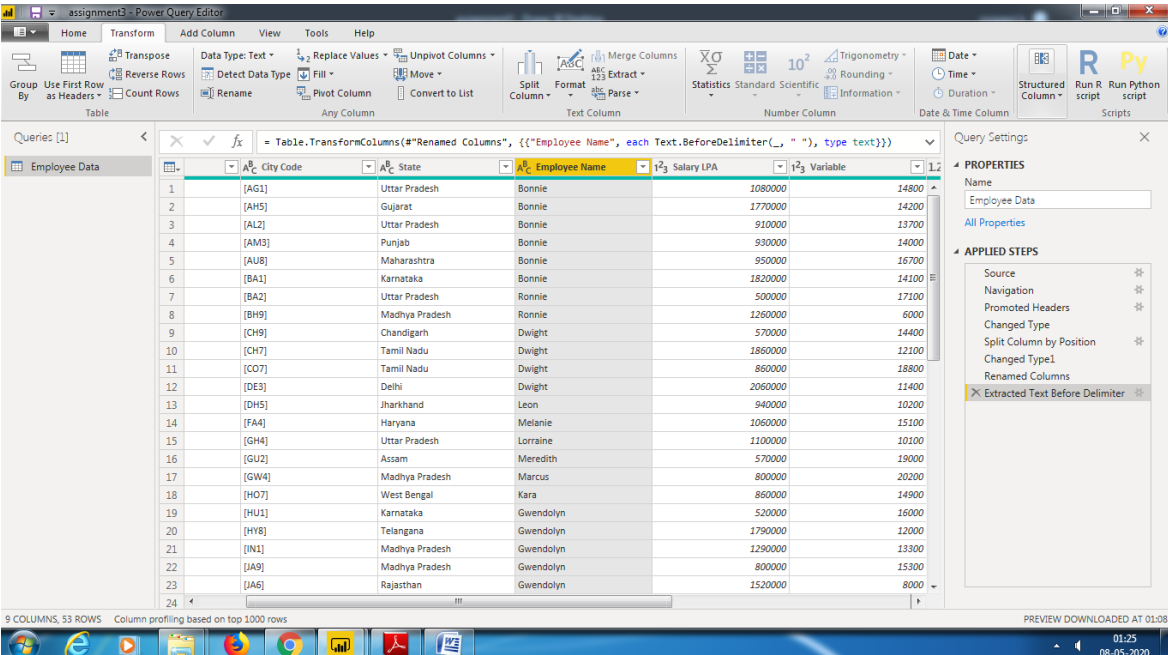
– Split the column CITY and separate the code associate with each city like - Allahabad[AL2] should be only Allahabad and [A2] will be separate.



The screenshot shows the Power Query Editor interface. The main table has the following data:

	City	City Code	State	Employee Name	Salary LPA	Variable
1	Agra	[AG1]	Uttar Pradesh	Bonnie Potter	1080000	
2	Ahmedabad	[AH5]	Gujarat	Bonnie Potter	1770000	
3	Allahabad	[AL2]	Uttar Pradesh	Bonnie Potter	910000	
4	Amritsar	[AM3]	Punjab	Bonnie Potter	930000	
5	Aurangabad	[AU8]	Maharashtra	Bonnie Potter	950000	
6	Bangalore	[BA1]	Karnataka	Bonnie Potter	1820000	
7	Bareilly	[BA2]	Uttar Pradesh	Ronnie Proctor	500000	
8	Bhopal	[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	
9	Chandigarh	[CH9]	Chandigarh	Dwight Hwang	570000	
10	Chennai	[CH7]	Tamil Nadu	Dwight Hwang	1860000	
11	Colimbature	[CO7]	Tamil Nadu	Dwight Hwang	860000	
12	Delhi	[DE3]	Delhi	Dwight Hwang	2060000	
13	Dhanbad	[DH5]	Jharkhand	Leon Gill	940000	
14	Faridabad	[FA4]	Haryana	Melanie Garner	1060000	
15	Ghaziabad	[GH4]	Uttar Pradesh	Lorraine Houston	1100000	
16	Guwahati	[GU2]	Assam	Meredith Norris Thomas	570000	
17	Gwalior	[GW4]	Madhya Pradesh	Marcus Dunlap	800000	
18	Howrah	[HO7]	West Bengal	Kara Pace	860000	
19	Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn F Tyson	520000	
20	Hyderabad	[HY8]	Telangana	Gwendolyn F Tyson	1790000	
21	Indore	[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	
22	Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	
23	Jaipur	[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	

– Extract the first name from EMPLOYEE NAME column and transform the column.



The screenshot shows the Power Query Editor interface after applying the transformation. The main table has the following data:

	City Code	State	Employee Name	Salary LPA	Variable
1	[AG1]	Uttar Pradesh	Bonnie	1080000	14800
2	[AH5]	Gujarat	Bonnie	1770000	14200
3	[AL2]	Uttar Pradesh	Bonnie	910000	13700
4	[AM3]	Punjab	Bonnie	930000	14000
5	[AU8]	Maharashtra	Bonnie	950000	16700
6	[BA1]	Karnataka	Bonnie	1820000	14100
7	[BA2]	Uttar Pradesh	Ronnie	500000	17100
8	[BH9]	Madhya Pradesh	Ronnie	1260000	6000
9	[CH9]	Chandigarh	Dwight	570000	14400
10	[CH7]	Tamil Nadu	Dwight	1860000	12100
11	[CO7]	Tamil Nadu	Dwight	860000	18800
12	[DE3]	Delhi	Dwight	2060000	11400
13	[DH5]	Jharkhand	Leon	940000	10200
14	[FA4]	Haryana	Melanie	1060000	15100
15	[GH4]	Uttar Pradesh	Lorraine	1100000	10100
16	[GU2]	Assam	Meredith	570000	19000
17	[GW4]	Madhya Pradesh	Marcus	800000	20200
18	[HO7]	West Bengal	Kara	860000	14900
19	[HU1]	Karnataka	Gwendolyn	520000	16000
20	[HY8]	Telangana	Gwendolyn	1790000	12000
21	[IN1]	Madhya Pradesh	Gwendolyn	1290000	13300
22	[JA9]	Madhya Pradesh	Gwendolyn	800000	15300
23	[JA6]	Rajasthan	Gwendolyn	1520000	8000

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

	1.2 Incentive	1.2 Appraisal Rate	Joining Date	Year	Days in Month
1	14800	8.3	05-11-2016	2016	30
2	14200	9.3	26-08-2016	2016	31
3	13700	9.4	27-01-2017	2017	31
4	14000	9.2	12-12-2015	2015	31
5	16700	9.4	08-04-2015	2015	30
6	14100	7.9	26-03-2016	2016	31
7	17100	10	20-11-2015	2015	30
8	6000	10	14-04-2017	2017	30
9	14400	16.8	11-01-2016	2016	31
10	12100	13.6	17-06-2016	2016	30
11	18800	11.3	21-10-2015	2015	31
12	11400	15.2	07-04-2015	2015	30
13	10200	6.7	19-05-2015	2015	31
14	15100	8.3	11-05-2016	2016	31
15	10100	3.6	09-06-2016	2016	30
16	19000	10.8	19-07-2016	2016	31
17	20200	11.9	12-04-2015	2015	30
18	14900	10.9	05-03-2017	2017	31
19	16000	9.8	12-01-2017	2017	31
20	12000	13.7	20-02-2015	2015	28
21	13300	10.3	09-03-2017	2017	31
22	15300	11.6	30-09-2016	2016	30
23	8000	13.8	20-09-2016	2016	30
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– Create a visual of your choice and show the how much salary has been paid to each state and which state has lowest payout.

Lowest pay – **ASSAM** and **CHANDIGARH**

