

DMWA LAB Tute -2

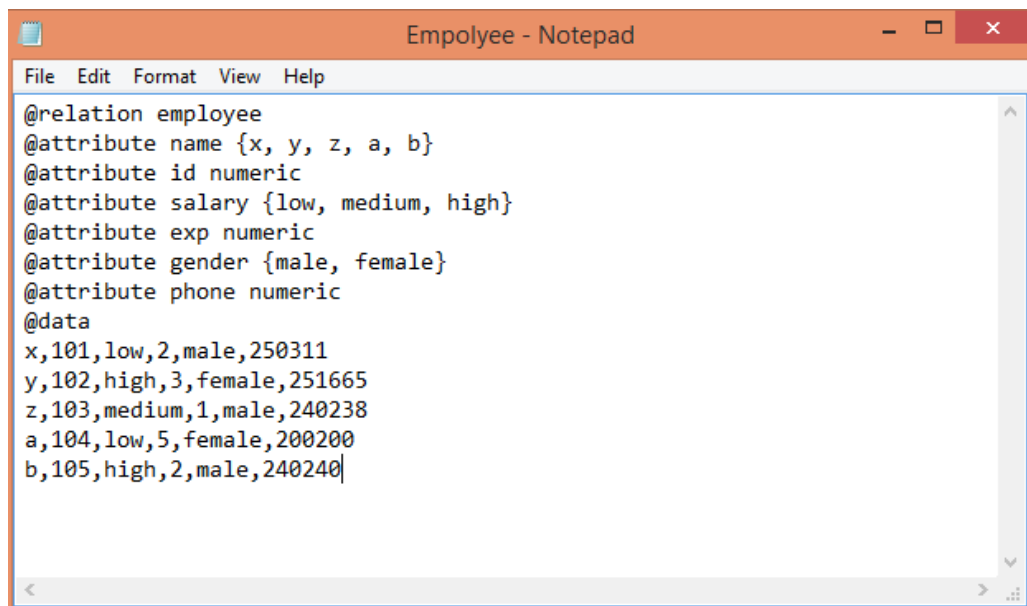
Teghdeep Kapoor

18104050

B12

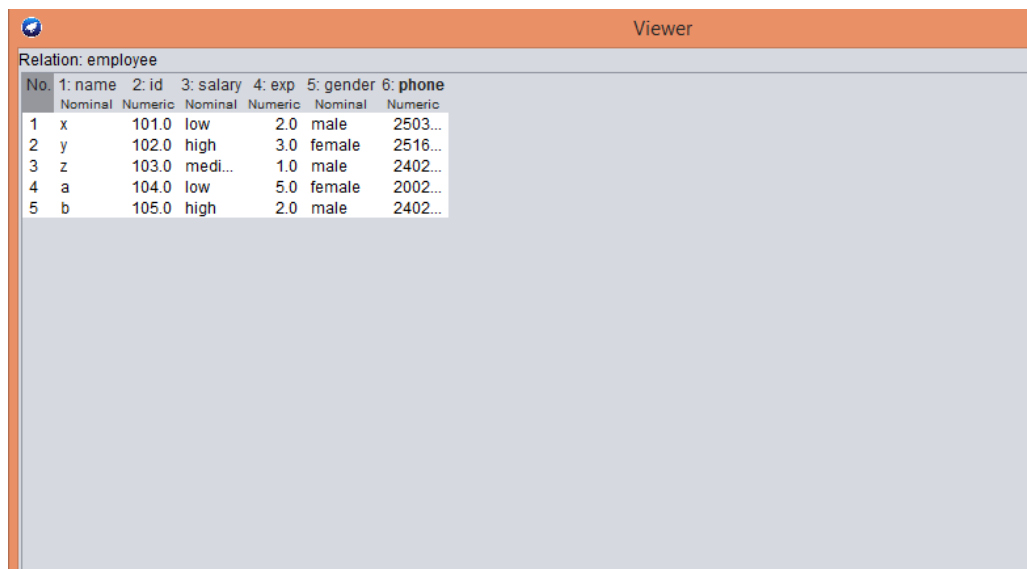
Q1.

a. Employee.arff saved



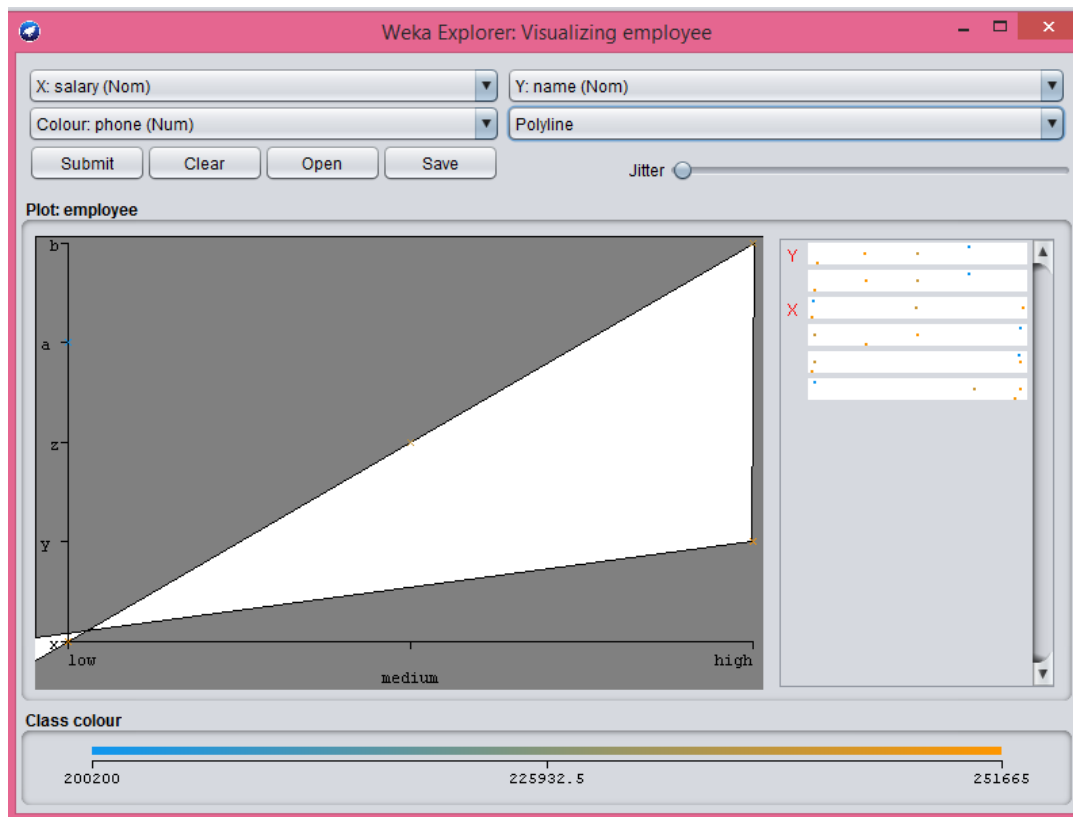
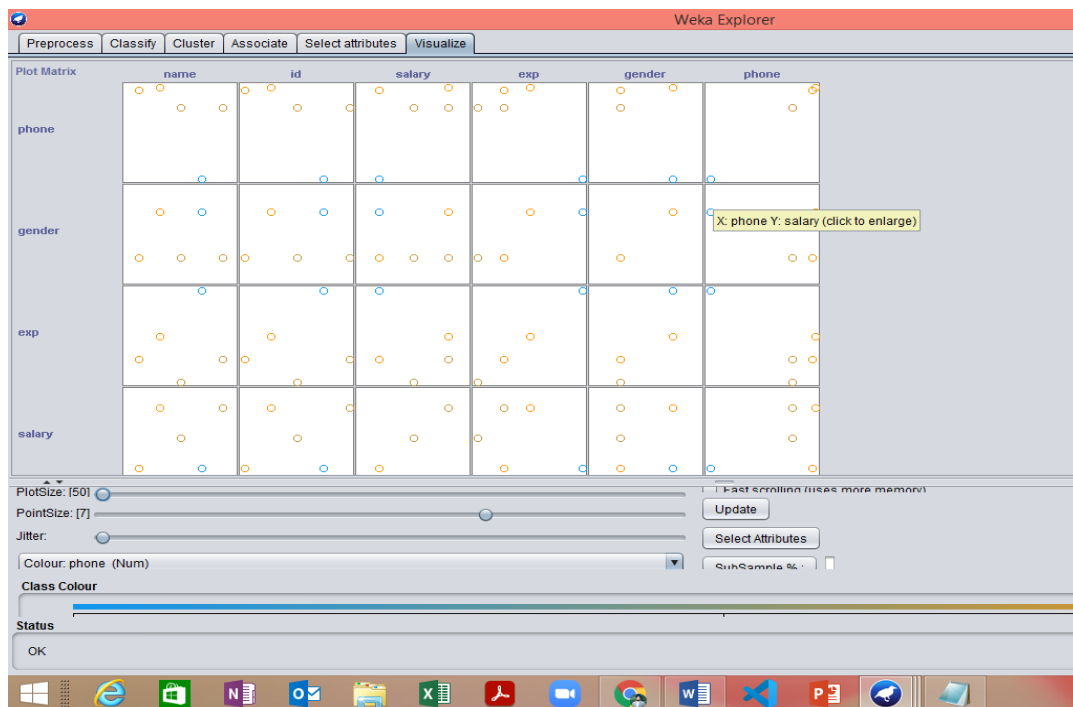
```
@relation employee
@attribute name {x, y, z, a, b}
@attribute id numeric
@attribute salary {low, medium, high}
@attribute exp numeric
@attribute gender {male, female}
@attribute phone numeric
@data
x,101,low,2,male,250311
y,102,high,3,female,251665
z,103,medium,1,male,240238
a,104,low,5,female,200200
b,105,high,2,male,240240
```

b. Class Attribute – Phone(Numeric) by default



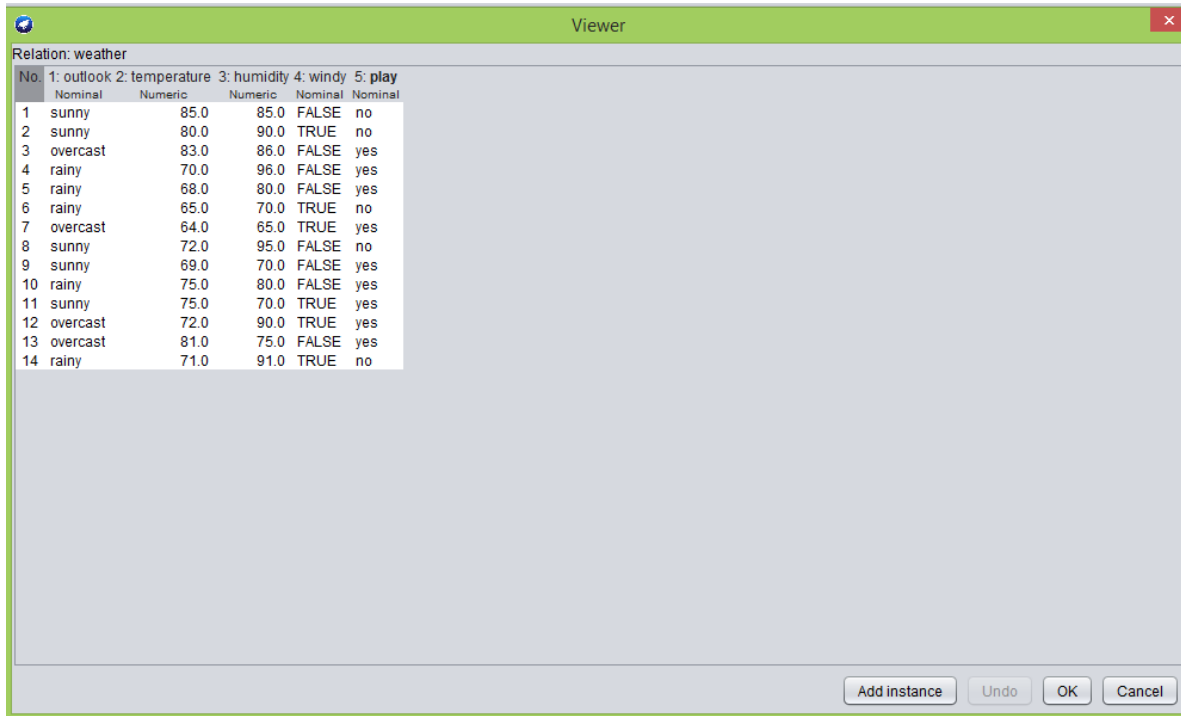
No.	1: name	2: id	3: salary	4: exp	5: gender	6: phone
	Nominal	Numeric	Nominal	Numeric	Nominal	Numeric
1	x	101.0	low	2.0	male	2503...
2	y	102.0	high	3.0	female	2516...
3	z	103.0	medi...	1.0	male	2402...
4	a	104.0	low	5.0	female	2002...
5	b	105.0	high	2.0	male	2402...

c. Plot Histogram



Q2.

a. Earlier class attribute was “play”

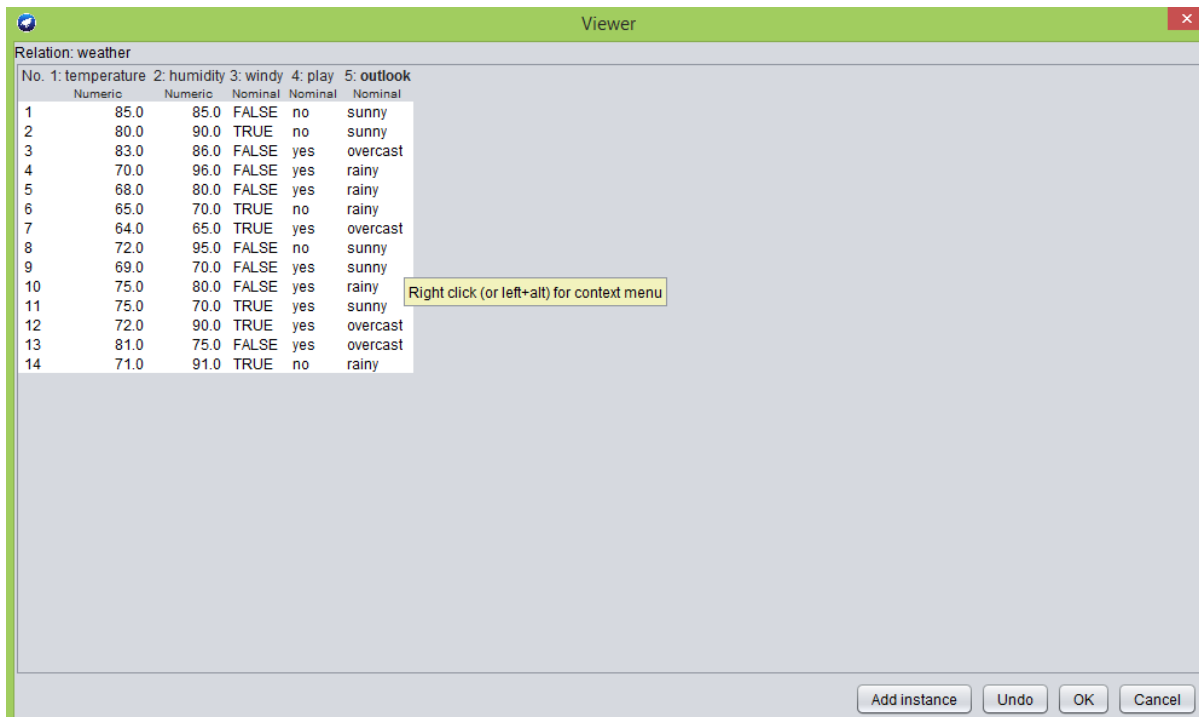


The screenshot shows a window titled "Viewer" with a red close button. The window displays a table of weather data. The title bar is green. The table has 5 columns: "No.", "1: outlook", "2: temperature", "3: humidity", "4: windy", and "5: play". The "play" column is the class attribute. The data is as follows:

No.	1: outlook	2: temperature	3: humidity	4: windy	5: play
	Nominal	Numeric	Numeric	Nominal	Nominal
1	sunny	85.0	85.0	FALSE	no
2	sunny	80.0	90.0	TRUE	no
3	overcast	83.0	86.0	FALSE	yes
4	rainy	70.0	96.0	FALSE	yes
5	rainy	68.0	80.0	FALSE	yes
6	rainy	65.0	70.0	TRUE	no
7	overcast	64.0	65.0	TRUE	yes
8	sunny	72.0	95.0	FALSE	no
9	sunny	69.0	70.0	FALSE	yes
10	rainy	75.0	80.0	FALSE	yes
11	sunny	75.0	70.0	TRUE	yes
12	overcast	72.0	90.0	TRUE	yes
13	overcast	81.0	75.0	FALSE	yes
14	rainy	71.0	91.0	TRUE	no

At the bottom right of the window are buttons: "Add instance", "Undo", "OK", and "Cancel".

Now, class attribute is “outlook”



The screenshot shows a window titled "Viewer" with a red close button. The window displays a table of weather data. The title bar is green. The table has 5 columns: "No.", "1: temperature", "2: humidity", "3: windy", "4: play", and "5: outlook". The "outlook" column is the class attribute. The data is as follows:

No.	1: temperature	2: humidity	3: windy	4: play	5: outlook
	Numeric	Numeric	Nominal	Nominal	Nominal
1	85.0	85.0	FALSE	no	sunny
2	80.0	90.0	TRUE	no	sunny
3	83.0	86.0	FALSE	yes	overcast
4	70.0	96.0	FALSE	yes	rainy
5	68.0	80.0	FALSE	yes	rainy
6	65.0	70.0	TRUE	no	rainy
7	64.0	65.0	TRUE	yes	overcast
8	72.0	95.0	FALSE	no	sunny
9	69.0	70.0	FALSE	yes	sunny
10	75.0	80.0	FALSE	yes	rainy
11	75.0	70.0	TRUE	yes	sunny
12	72.0	90.0	TRUE	yes	overcast
13	81.0	75.0	FALSE	yes	overcast
14	71.0	91.0	TRUE	no	rainy

A yellow tooltip box with the text "Right click (or left+alt) for context menu" is visible over the table. At the bottom right of the window are buttons: "Add instance", "Undo", "OK", and "Cancel".

b. Visualize all

