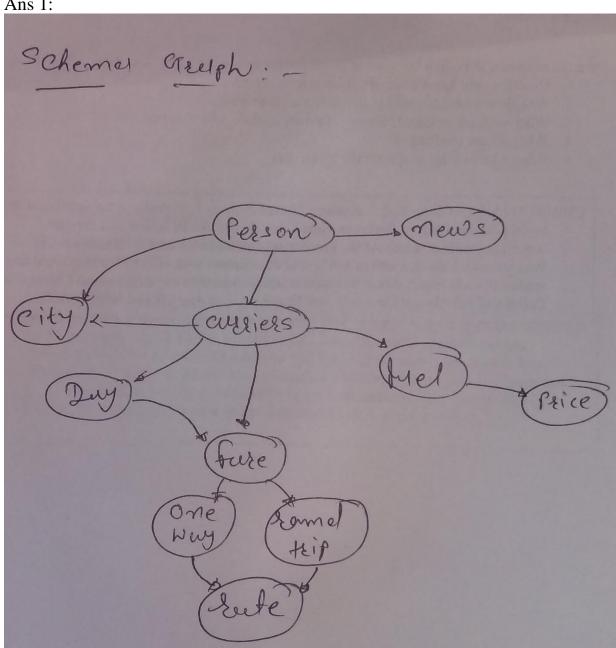
Problem Set 2

Knowledge Discovery and Management

Class Id: 21

Name: Shalin Patel

PS-2A Ans 1:





Question and Ans Template:

1. What:

What +verb+ noun -> Ans: Noun + verb + ans

Que: What was increment in rate?

Ans: Increment in rate was \$6.

2. When:

When + noun+ verb? -> From + ans

Que: When increase in rate will apply?

Ans: From Thursday midnight.

3. Where:

Where + verb + noun -> Noun+ from +Ans

Que: Where is the news from?

Ans: The news is from Chicago.

4. Who:

Who + verb + noun -> Ans+ verb + noun

Que: Who was the spokesman?

Ans: Tim Wanger was the spokeperson.

5. How:

How + verb + noun + adjective -> By + verb + ans

Que: How rise in price will compensate?

Ans: By increasing in fare of 6\$

6. How many:

How many + noun + verb -> Ans + verb

Que: How many airlines were mentioned?

Ans: Two airlines were mentioned.

7. Yes/No:

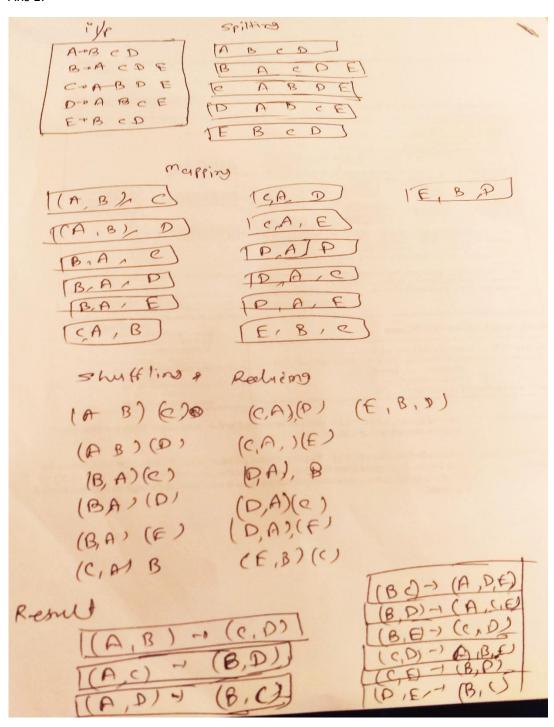
Question -> If words matches, Yes otherwise No

Que: Rate change affected immediately?

Ans: No

PS - 2B

Ans 1:



Ans 2: Algorithm

mothed Map (list of bloc)
for ell term to list
for 2 to t. length -1 Emit(t(0), H11, Hi))
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
for cell terms to list 1)
for cell terms. Concerte (did (0), dist 11) Sting. Concerte (did (0), dist 11)
41) \$ (0)

Ans 3: Map Reduce Function

Alis 3. Map Neduce i direction
det myMap (let: List): List = {
Vol d=0;
Val d=0;
for (I I led length) ?
Ros (i22 to let (1), lengt) {
managedlist + list (let (let ()))
2. (1) (1), let (1) (i))
4
Charles and the second
3 3 (4) (4) (4) (4)
Val festfile = 3 park. testfile ("") Val 86 Friends = testfile flutmup(
Val 86 friends = tent file flutmupl
line = 1 line - splite"11)
mus (let) let mynys (let)).
mer (let =) let my My (let). Rechted By Ken (let (0) - 4" "+ let (1)
- +" " + led(2))