Consider these example:

```
order 1: apple, egg, milk
order 2: carrot, milk
order 3: apple, egg, carrot
order 4: apple, egg
order 5: apple, carrot
```

Calculate:

- a. Support for {apple,egg}
- b. the percentage of times that egg is purchased, given that apple was purchased is_____
- c. Calculate lift(apple,egg).

Solutions:

```
support{apple,egg} = 3/5 or 60%
```

1.

A confidence value of 0.75 implies that out of all orders that contain apple, 75% of them also contain egg. Now, we look at the confidence measure in the opposite direction (ie: egg->apple):

2. 3.