```
Sean Lossef; Lab 2

1a

\pi_{recipeName}(\sigma_{season=spring\ OR\ season=summer}Menu)

1b

\pi_{recipeName}(\sigma_{season=winter\ AND\ containsNuts=True}\ (\rho_{ingredientName/name}Ingredient\ \bowtie \rho_{recipeName/name}Recipe\ \bowtie Menu))

1c

\pi_{recipeName}(\sigma_{season=Fall\ Menu})

-(\pi_{recipeName}(\sigma_{season=Fall\ AND\ containsNuts=True}\ (\rho_{ingredientName/name}Ingredient\ \bowtie \rho_{recipeName/name}Recipe\ \bowtie Menu)))

2a

a,b

2b

ac;\ c \to f;\ acf;
```