Hand in your answers to the Weekly Challenge 1 dropbox as a PDF. Your PDF should include:

- **All the code of the sample program, including the new same_class(X,Y) rule that you added.**

```
studies(aerona,cogs100).

studies(sanjana,cogs100).

studies(shae,cisc101).

studies(shaun,cisc101).


teaches(kelsey,cogs100).

teaches(david,cisc101).


professor(X,Y) :- teaches(X,A), studies(Y,A).


same_class(X,Y) :- studies(X,A), studies(Y,A).
```

- **Screenshots of SWISH's answers to all your queries in questions 1 through 9. You may need to use more than one screenshot as not all of the answers may fit into your screen at once!**

studies(shaun,cogs100).	
false	
studies(aerona,Y).	
Y = cogs100	
teaches(X,cogs100).	
X = kelsey	
professor(david,shae).	
true	1
professor(kelsey,shaun).	
false	
professor(X,aerona).	
X = kelsey	
professor(kelsey,Y).	
Y = aerona	
Y = sanjana	
same_class(aerona,sanjana).	
true	1
same_class(sanjana,shaun).	
false	