Some simple predicates

- Load family.pl
- Father
- Parent
- Etc...
- Talk through relationships
- How about cousins?

Some numerical stuff

- A=1,B=2,C=3,Z=A+B+C,Z>3.
- A=1,B=2,C=3,Z=A+B+C,C>3.
- assert(sum3(Result,A,B,C):-Result is A + B + C).
- sum3(R,1,2,3).
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Implementing “functions”

- Factorial example
- Order of matching
- Recursion
- Termination case

Lists

- assert(head(H,[H|_])).
- assert(tail(T,[_,T]))
- assert(second(S,A):- tail([S|_],A))
- A=[a,b,c], second(S,A)
- A=[a,b,c,d,e], tail(B,A), second(S,B)
- member(a,[a,b,c,d,e]) (semicolon?)

Do some work?

- Write code to calculate:
- 1/1 + ½ + 1/3 + ¼ .....
- Use the factorial example as a starting point
- Now do it so that you can put any number on the top:
- 2/1 + 2/2 + 2/3 + 2/4 .....