**--- Program 2 ---**

Download a version of *Prolog* off the Web ( SWI Prolog is recommended ). Use Prolog to solve the following **automated reasoning problem.**

There are three people: John, Jim, and Mary and each has two jobs. The jobs are gardener, veterinarian's assistant, dishwasher, nurse, high school math teacher, and biology tutor.

You are given the following information:

1) The nurse went out with the veterinarian's assistant last night.

2) Mary is friends with the biology tutor but she stayed home last night.

3) Jim likes animals but he failed math and had to drop out of college.

4) Jim does not know the gardener.

5) Mary and the biology tutor used to be married.

**Who holds which jobs**? Include a report explaining your strategy.