# Classes Worksheet 1

Read this: http://www.cplusplus.com/doc/tutorial/classes/

1. Create the following classes: Person (name, age, gender, pet), Dog (name, age, breed)
2. Create some people and give them pets – you will need either an array of Dogs or a Vector of Dogs. ( <https://www.geeksforgeeks.org/vector-in-cpp-stl/> )
3. Dump / Display / Output everything
4. Create a pointer to an object
5. Investigate inheritance, add other pets into the system – cats, rabbits, snakes etc

Investigate object operators:

* \* & . -> []
* Constructors and member initialization
* Static members
* Const members

http://www.cplusplus.com/doc/tutorial/templates/