SWA1 A20 Course Assignment 1:   
Object-oriented Programming in JavaScript

The diagram below represents a model of weather measurement and prediction. Note that the model uses multiple inheritance. The diagram has no attributes because it is left up to you how to implement them.



(You might want to see the uploaded SVG file instead.)

# Exercise 1.1

Implement the diagram using factory methods. Do *not* use constructors or the class keyword. Encapsulate everything. Use concatenative inheritance to model the inheritance in the diagram, and also to remove as many redundancies as you can from the diagram.

# Exercise 1.2

Implement the diagram using constructors and prototypes. Use the class keyword if you like. You are not required to encapsulate the fields. You need to redesign in order to deal with the multiple inheritance. Remove as many redundancies as you can.