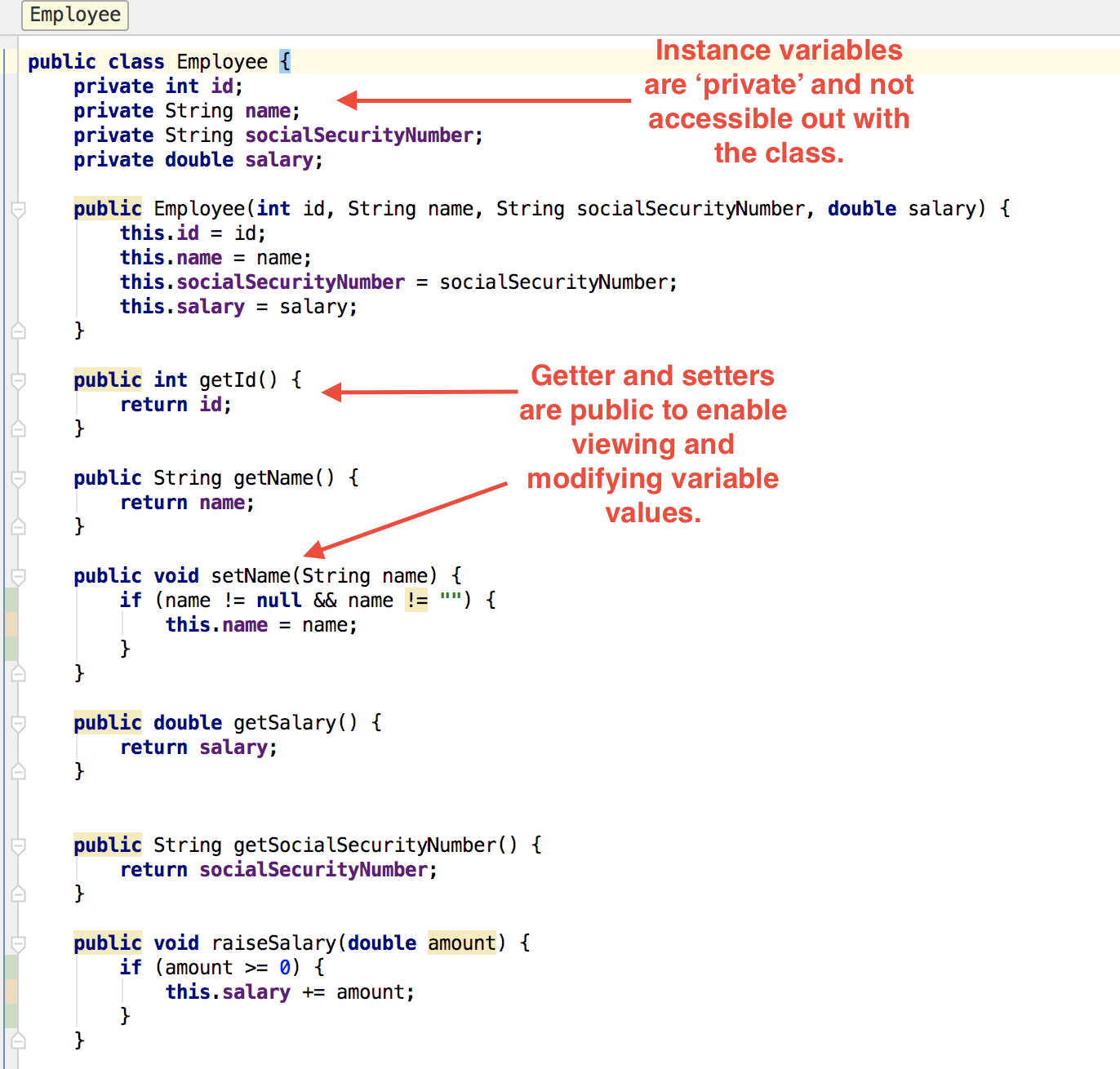
**Evidence for Implementation and Testing Unit.**

Hamish Stewart

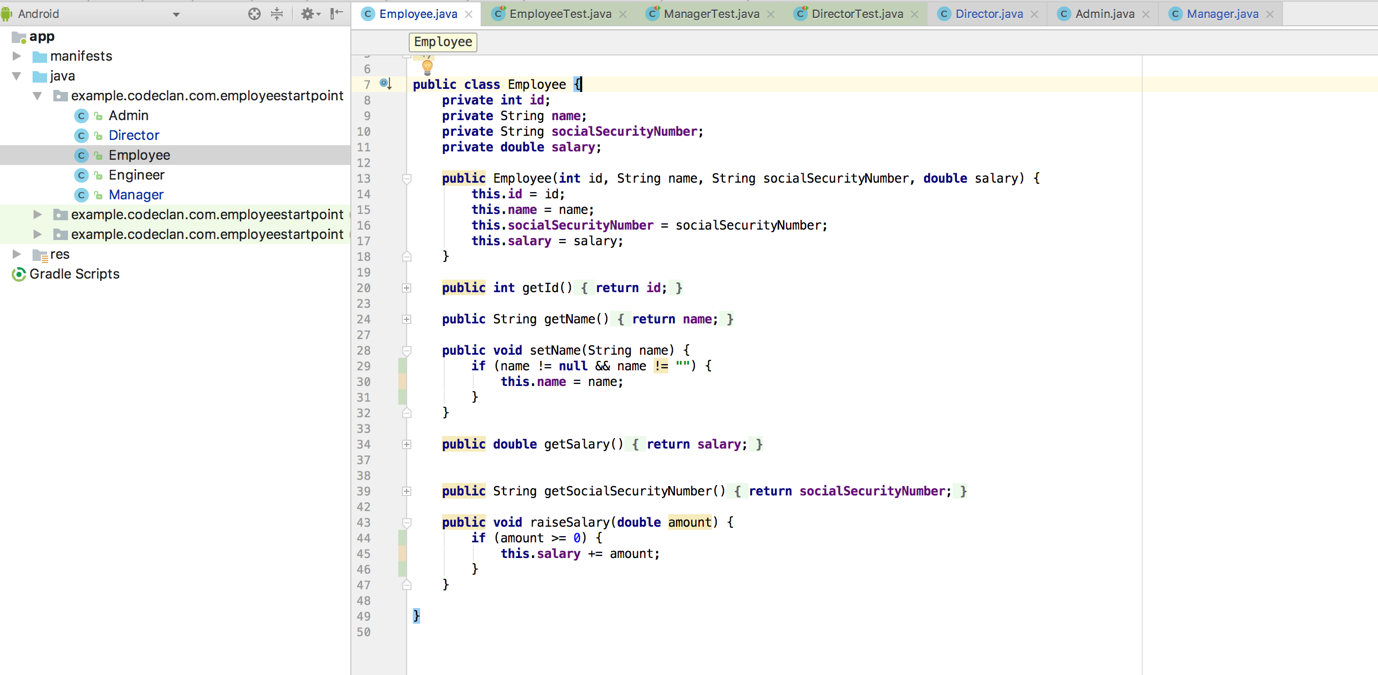
E16

January 2018

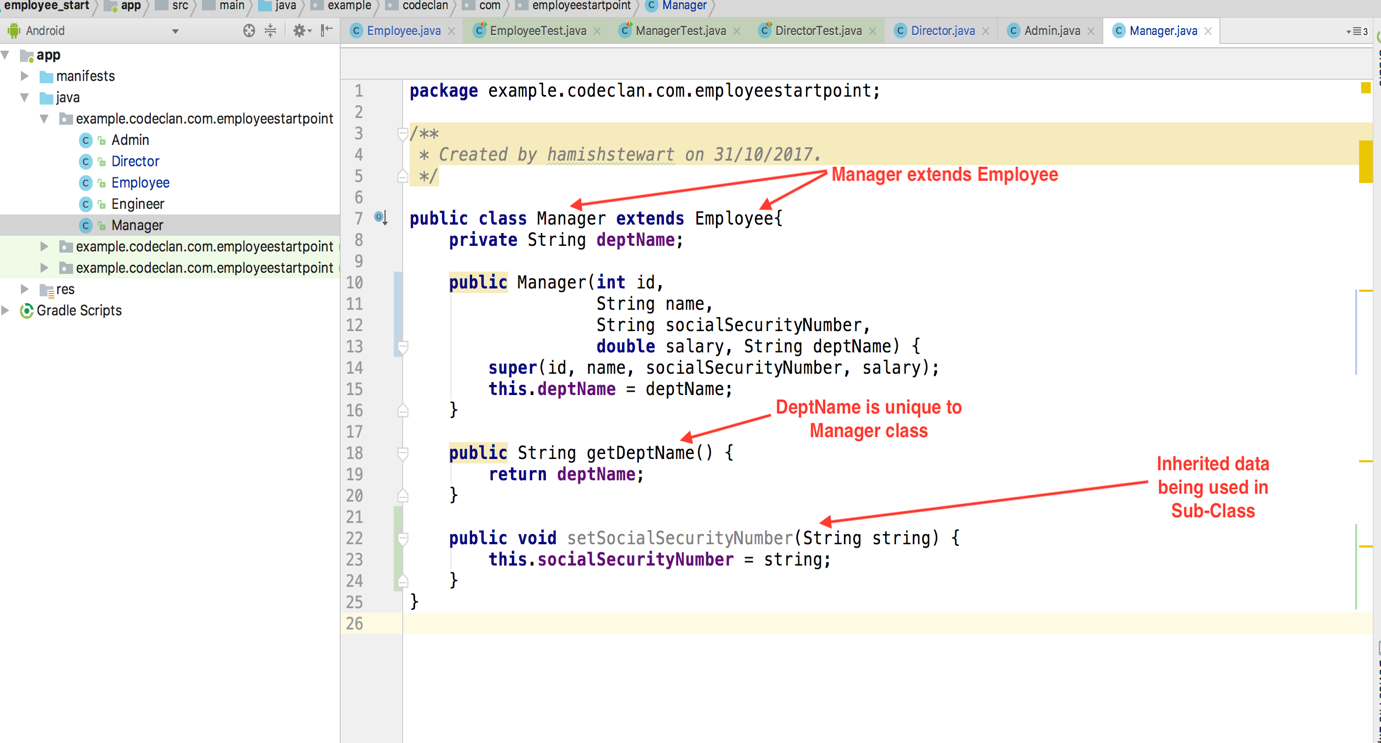
**I.T 1- Demonstrate one example of encapsulation that you have written in a program.**



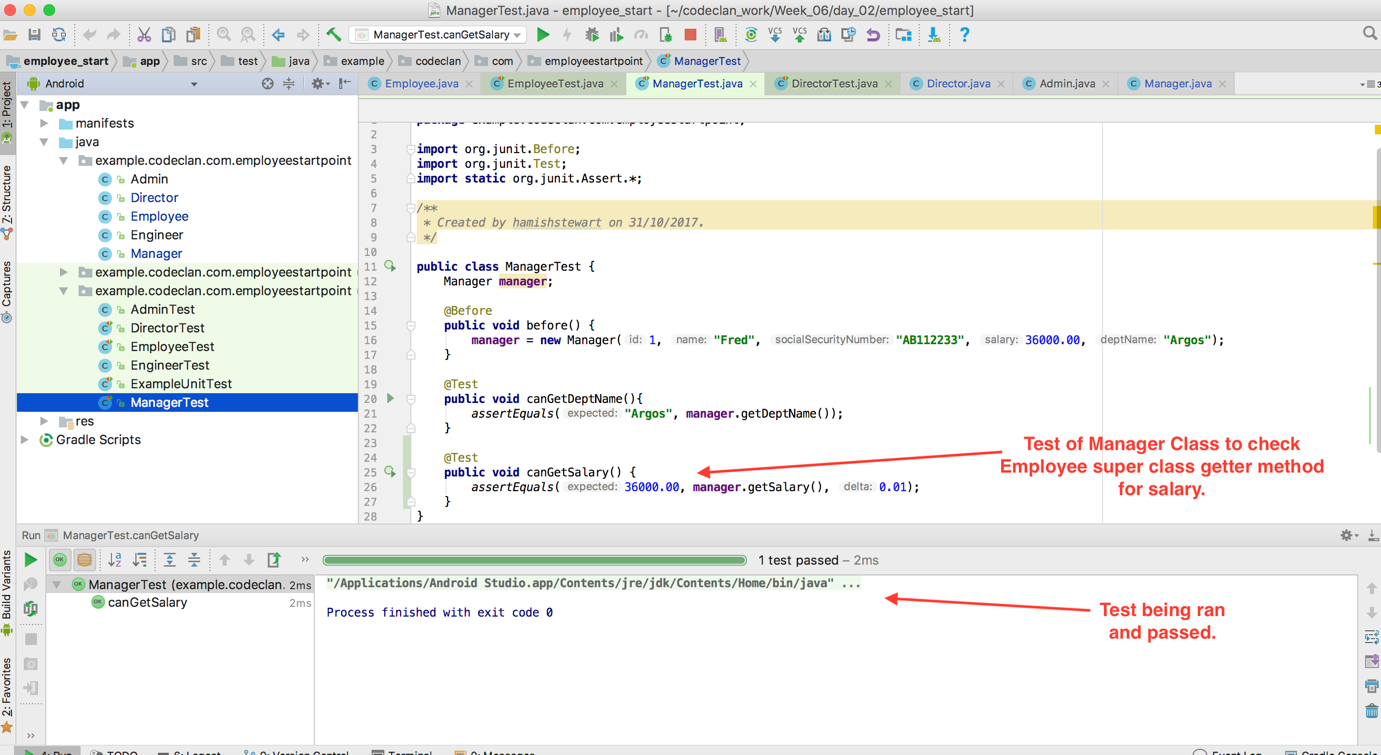
**I.T 2 - Example the use of inheritance in a program.**



**The above shows the Employee super class which has getters for id, name, salary and social security number.**

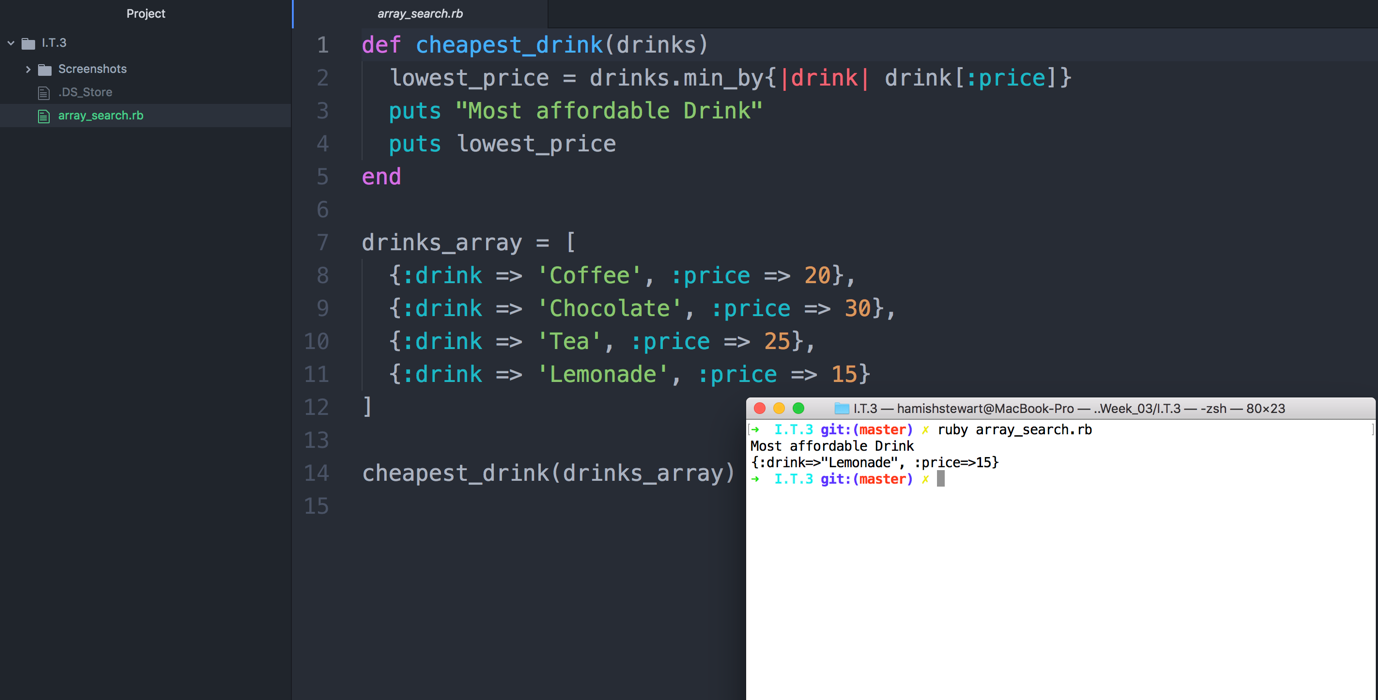


**The above shows the Manager class which inherits from the employee super class. Id, name, salary and social security number is passed up to the super class.**

****

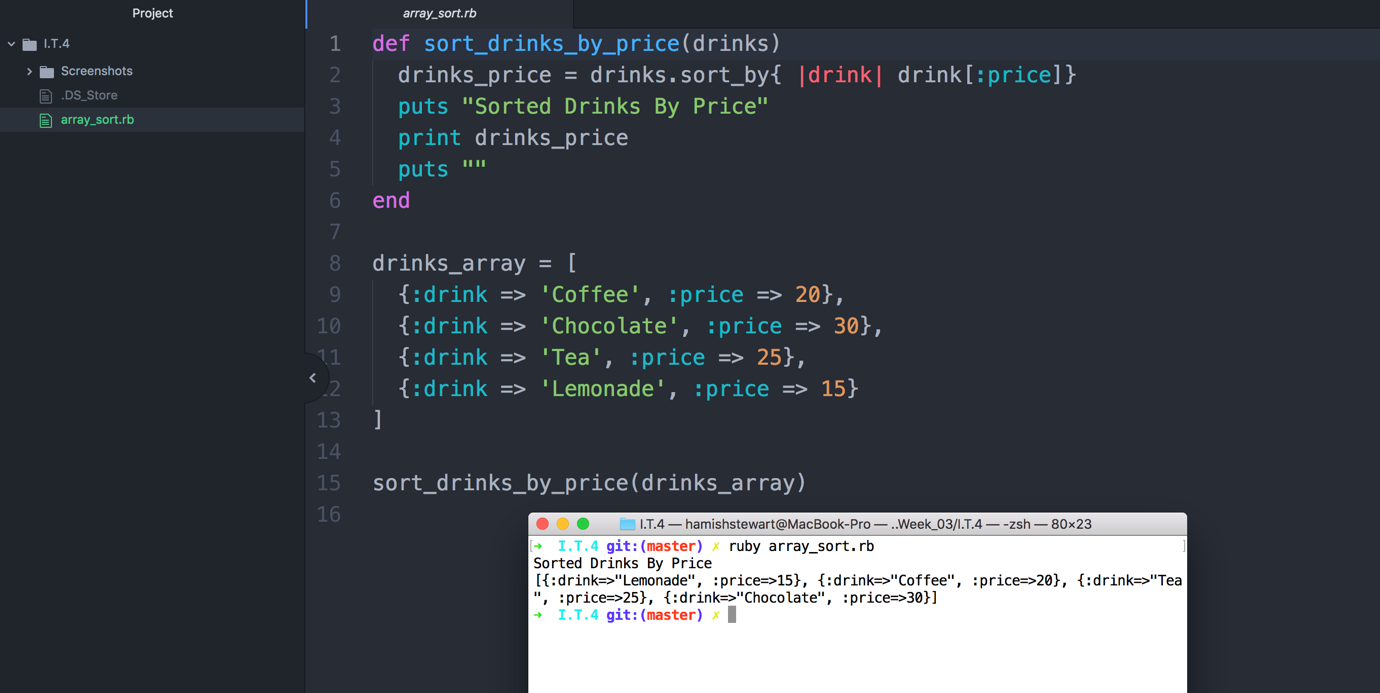
**The above shows a test being ran which demonstrates that the getSalary test is passing even though the manager does not have a getSalary method. The employee super class has this method and as manager inherits from employee the method is accessible.**

**­­­­­­­I.T 3 - Example of searching**

****

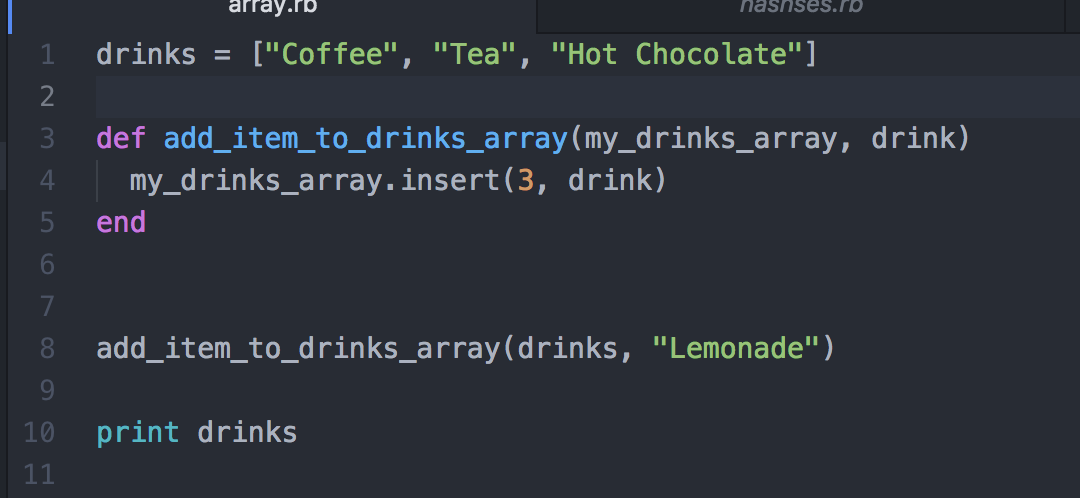
**Search for the lowest priced drink in the array.**

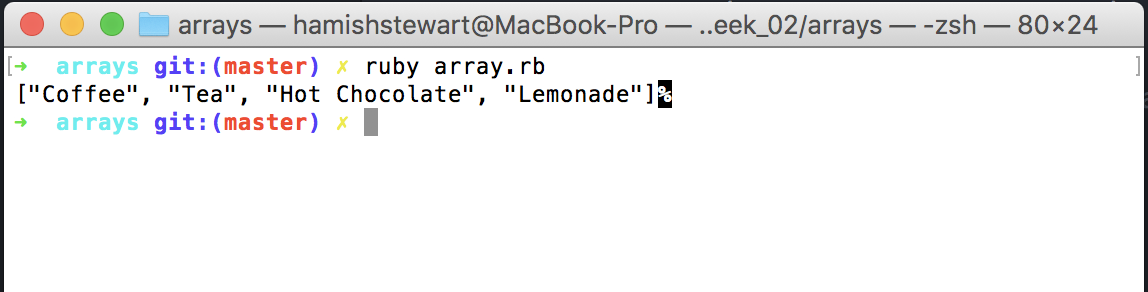
**I.T 4 – Example of sorting**

****

**Sorted drinks by price.**

**I.T 5 - Example of an array, a function that uses an array and the result**

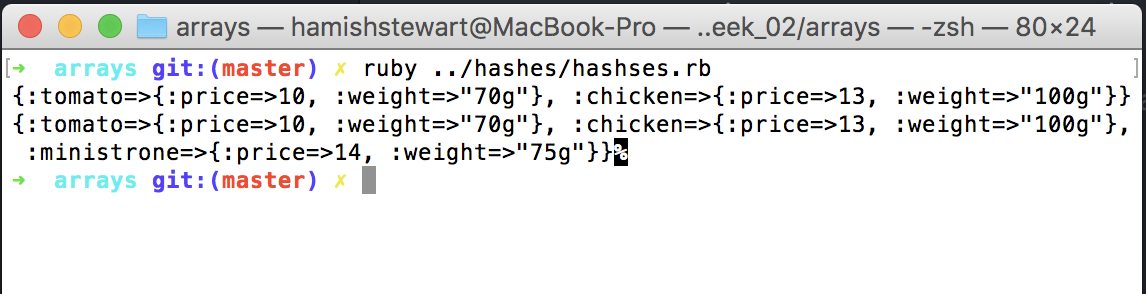


****

**Added Lemonade to original array.**

**I.T 6 - Example of a hash, a function that uses a hash and the result**





**Hash with Chicken and Tomato soup and a function to add minestrone soup.**

**I.T 7 - Example of polymorphism in a program**



