

I.T.b

Inheritance Example

Demonstrate the use of Inheritance in a program you have written by taking a screenshot of a Class, an object and a method, that inherits from another class.

Eg, Water bottle

```
class Person

  # make num_legs read only
  attr_reader :first_name, :last_name

  #initialise the constructors
  def initialize(first_name, last_name)
    @first_name = first_name
    @last_name = last_name
  end

  def talk
    return "#{@first_name} #{@last_name}"
  end
end
```

```
require_relative('person')

# Inherits first_name and last_name from Person class
class Agent < Person

  def talk
    #Takes talk method for talk from person and pulls it in as super class
    name = super()
    return "The names #{@last_name }, #{@name}"
  end
end
```

```
class Medic < Person

  def heal
    return "Dr #{@first_name} #{@last_name }"
  end
end
```