Allyson Wilson
Cohort 15
3/9/17

IT 3   Search Data

```ruby
26    end
27
28    def self.all()
29      sql = "SELECT * FROM adoptions"
30      values = []
31      results = SqlRunner.run( sql, values )
32      return results.map { |adoption| Adoption.new( adoption ) }
33    end
34
35    def animal()
36      sql = "SELECT * FROM animals
37      WHERE id = $1"
38      values = [@animal_id]
39      results = SqlRunner.run( sql, values )
40      return Animal.new( results.first )
41    end
42
43    def hero()
44      sql = "SELECT * FROM heroes
45      WHERE id = $1"
46      values = [@hero_id]
47      results = SqlRunner.run( sql, values )
48      return Hero.new( results.first )
49    end
```

Result of function running

```
[2] pry(main)> adoption1.hero()
=> #<Hero:0x007ffd4c2b34b8 @id=4, @image="/images/Ona_avatar.png", @name="Ona">
[3] pry(main)> hero1.name()
=> "Ona"
[4] pry(main)> animal1.species()
=> "Basking Shark"
[5] pry(main)>
```

IT 4 Sort Data

```ruby
def self.all()
  sql = "SELECT * FROM heroes ORDER by name"
  values = []
  results = SqlRunner.run( sql, values )
  return results.map { |hash| Hero.new( hash ) }
end
```

```ruby
def self.all()
  sql = "SELECT * FROM heroes ORDER by name"
  values = []
  results = SqlRunner.run( sql, values )
  return results.map { |hash| Hero.new( hash ) }
end
```

```
→  Shelter_Project git:(master) ✗ ruby db/seeds.rb

From: /Users/allysonwilson/Desktop/Shelter_Project/db/seeds.rb @ line 62 :

    57:    'hero_id' => hero1.id
    58: })
    59: adoption1.save()
    60:
    61: binding.pry
 => 62: nil

[1] pry(main)> Hero.all()
=> [#<Hero:0x007fc97183cc68 @id=8, @image="/images/Granny.png", @name="Granny">,
 #<Hero:0x007fc971836ca0 @id=9, @image="/images/Fraser_avatar.png", @name="Joe">,
 #<Hero:0x007fc971835aa8 @id=7, @image="/images/Ona_avatar.png", @name="Ona">]
[2] pry(main)>
```