I.T.c

<u>Searching and Sorting Example</u>

Demonstrate searching and sorting data in a program you have written.
Take screenshots of;
*Function that searches data and the result
*Function that sorts data and the result

```javascript
this.total = 0;
this.items.sort(function(a, b){
    var nameA=a.name.toLowerCase(), nameB=b.name.toLowerCase()
    if (nameA < nameB) //sort string ascending
        return -1
    if (nameA > nameB)
        return 1
    return 0 //default return value (no sorting)
})
```

```ruby
6
7   def sort_elements( array )
8     return array.sort! {|x, y| x <=> y}
9   end
10
11  def find_element( array, search_value )
12    array.each do |item|
13      if item = search_value
14        result = TRUE
15      else
16        result = FALSE
17      end
18
19      return result
20    end
```

```
array_practice_spec.rb
   specs git:(master) ruby array_practice_spec.rb
WARN: Unresolved specs during Gem::Specification.reset:
      byebug (~> 9.0)
WARN: Clearing out unresolved specs.
Please report a bug if this causes problems.
Run options: --seed 58867

# Running:

...

Finished in 0.001035s, 2899.0913 runs/s, 2899.0913 assertions/s.

3 runs, 3 assertions, 0 failures, 0 errors, 0 skips
```