Unit I & T - I.T 3 - Demonstrate searching data in a program.

Take screenshots of;

A function that sorts data;

```
number_sorter.rb
* 1
     require 'pry'
* 3
     class Number_sorter
* 4
       def initialize()
* 6
       end
* 7
       def sort_numbers(numbers_array)
* 9
         array_length = numbers_array.length
±10
         loop do
* 11
         switched = false
           (array_length - 1).times do | index|
*12
             if numbers_array[index] > numbers_array[index + 1]
*13
* 14
               numbers\_array [index + 1] = numbers\_array [index + 1], numbers\_array [index]
* 15
               switched = true
*16
             end
*17
           end
*18
           break unless switched
*19
         end
± 20
         return numbers_array
*21
* 22
± 23
+24
```

The result of the function running;

```
number_sorter.rb
       number_sorter.rb
* 1
     require 'pry'
* 3
      class Number_sorter
* 5
        def initialize()
* 6
        def sort_numbers(numbers_array)
* 9
          array_length = numbers_array.length
          loop do
* 11
          switched = false
            (array_length - 1).times do | index|
*12
* 13
              if numbers_array[index] > numbers_array[index + 1]
                numbers_array[index], numbers_array [index + 1] = numbers_array [index + 1], numbers_array [index]
*14
* 15
                switched = true
* 16
              end
±17
            end
*18
            break unless switched
* 19
          end
± 20
          return numbers_array
*21
* 22
* 23
* 24
* 25
      number_sorter = Number_sorter.new
* 26
      numbers_array = [1, 77, 6, 23, 5, 67, 123, 54, 2, 13]
±27
*28
      p number_sorter.sort_numbers(numbers_array)
                                       pda — chrismacbook@Christophers-Ma
→ pda git:(master) × ruby number_sorter.rb
[1, 2, 5, 6, 13, 23, 54, 67, 77, 123]
→ pda git:(master) ×
```