

22. Sort the given list of names into alphabetical order. For each name, add together each letter's alphabetical position, then multiply this sum by the name's position in the sorted list. Do this for every name and add them all together.

```
names = File.read("p022.txt")
```

```
def name-sum(list)
  alph = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
  list = list.split(',')
  list.map! { |name| name.delete('')}
  list = list.sort { |a,b| a <=> b }
  list.map! do |name|
    name.split('').map do |char|
      alph.index(char) + 1
    end.sum * (list.index(name) + 1)
  end.sum
end
```

