

# UNIVERSIDAD NACIONAL AUTONOMA DE NICARAGUA



**UNAN - León**

## **FACULTAD DE CIENCIAS Y TECNOLOGIA**

**Carrera:**

- ♦ Ingeniería en Telemática.

**Componente:**

- ♦ Software como un Servicio.

**Grupo:**

- ♦ #1

**Docente:**

- ♦ Ervin.

**Elaborado por:**

- ♦ Daniela Merary Gómez Forbes.

**Fecha:** 21/08/24

*"A la Libertad por la Universidad"*

```
daniela@debian: ~/Practica3
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
daniela@debian:~$ mkdir Practica3
daniela@debian:~$ cd Practica3
daniela@debian:~/Practica3$ ls
daniela@debian:~/Practica3$ touch Gemfile
daniela@debian:~/Practica3$ nano Gemfile
daniela@debian:~/Practica3$
```

```
daniela@debian: ~/Practica3
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
GNU nano 7.2  Gemfile
source 'https://rubygems.org/'

gem 'rspec'
```

```
root@debian:/home/daniela/Practica3# bundle exec rspec --init
create .rspec
create spec/spec_helper.rb
root@debian:/home/daniela/Practica3# ls
Gemfile Gemfile.lock spec
root@debian:/home/daniela/Practica3# mkdir lib
root@debian:/home/daniela/Practica3# ls
Gemfile Gemfile.lock lib spec
root@debian:/home/daniela/Practica3# cd lib
root@debian:/home/daniela/Practica3/lib# touch ruby.rb
root@debian:/home/daniela/Practica3/lib#
```

```
ruby.rb
home > daniela > Practica3 > lib > ruby.rb
1 def intro array
2   #escribir el código
3 end
4 def nombre nom
5   #escribir el código
6 end
7 def datos? array
8   #escribir el código
9 end
```

```
root@debian:/home/daniela/Practica3# bundle exec rspec --init
create .rspec
create spec/spec_helper.rb
root@debian:/home/daniela/Practica3# ls
Gemfile Gemfile.lock spec
root@debian:/home/daniela/Practica3# mkdir lib
root@debian:/home/daniela/Practica3# ls
Gemfile Gemfile.lock lib spec
root@debian:/home/daniela/Practica3# cd lib
root@debian:/home/daniela/Practica3/lib# touch ruby.rb
root@debian:/home/daniela/Practica3/lib# cd ..
root@debian:/home/daniela/Practica3# ls
Gemfile Gemfile.lock lib spec
root@debian:/home/daniela/Practica3# cd spec
root@debian:/home/daniela/Practica3/spec# touch rspec_1.rb
root@debian:/home/daniela/Practica3/spec#
```

*“A la Libertad por la Universidad”*

```
ruby.rb  rspec_1.rb x
home > daniela > Practica3 > spec > rspec_1.rb
1  require "ruby.rb"
2  describe "#intro" do
3    it "Debe estar definida" do
4      expect(intro([1,2,3,4])).not_to raise_error
5    end
6    it "retorna la suma del array" do
7      expect(intro ([2,6,10,5,2])).to eq(25)
8      expect(intro ([15,6,10,19])).to eq(50)
9      expect(intro ([15,6,4,5])).to eq(30)
10   end
11   it "retorna 0 si el array está vacío" do
12     expect(intro([])).to eq(0)
13   end
14   it "retorna el valor del único elemento del array" do
15     expect(intro([5])).to eq(5)
16   end
17 end
18 describe "#nombre" do
19   it "Debe iniciar con Mayúscula y concatena la cadena con la palabra hello" do
20     expect(nombre("Pedro")).to eq("hello Pedro")
21     expect(nombre("Juan")).to eq("hello Juan")
22     expect(nombre("María")).to eq("hello María")
23   end
24   it "No trabaja con un string vacío" do
25     expect(nombre("")).to eq("vacío")
26   end
27 end
28 describe "#datos?" do
29   it "retorna true si el tamaño del array es > 0" do
30     expect(datos?([2,1,5,6])).to be true
31   end
32   it "retorna false si el tamaño del array es <= 0" do
33     expect(datos?([])).to be false
34   end
35 end

root@debian:/home/daniela/Practica3# cd spec
root@debian:/home/daniela/Practica3/spec# touch rspec_1.rb
root@debian:/home/daniela/Practica3/spec# rspec spec/rspec_1.rb

An error occurred while loading ./spec/rspec_1.rb.
Failure/Error: __send__(method, file)

LoadError:
  cannot load such file -- /home/daniela/Practica3/spec/spec/rspec_1.rb
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:2138:in `load'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:2138:in `load_file_handling_errors'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1638:in `block in load_spec_files'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1636:in `each'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1636:in `load_spec_files'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:102:in `setup'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:86:in `run'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:71:in `run'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:45:in `invoke'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/exe/rspec:4:in `<top (required)>'
# /root/.rbenv/versions/3.1.2/bin/rspec:25:in `load'
# /root/.rbenv/versions/3.1.2/bin/rspec:25:in `<main>'
#
# Showing full backtrace because every line was filtered out.
# See docs for RSpec::Configuration#backtrace_exclusion_patterns and
# RSpec::Configuration#backtrace_inclusion_patterns for more information.
No examples found.

Finished in 0.00003 seconds (files took 0.30731 seconds to load)
0 examples, 0 failures, 1 error occurred outside of examples

root@debian:/home/daniela/Practica3/spec#
```

*“A la Libertad por la Universidad”*

```
ruby.rb  rspec_1.rb
home > daniela > Practica3 > lib > ruby.rb
1  def intro array
2    #array=[2,6,10,5,2]
3    return 0 if array.empty?
4    array.sum
5  end
6  def datos? array
7    if (array>0)
8      return true
9    else
10     return false
11   end
12 end
13 def nombre nom
14   if nom.empty?
15     "Vacio"
16   else
17     "Hello #{nom.capitalize}"
18   end
end
```

root@debian:/home/daniela/Practica3/spec# rspec lib/ruby.rb

An error occurred while loading ./lib/ruby.rb.

Failure/Error: \_\_send\_\_(method, file)

LoadError:

cannot load such file -- /home/daniela/Practica3/spec/lib/ruby.rb

```
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:2138:in `load'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:2138:in `load_file_handling_error'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1638:in `block in load_spec_files'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1636:in `each'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/configuration.rb:1636:in `load_spec_files'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:102:in `setup'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:86:in `run'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:71:in `run'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/lib/rspec/core/runner.rb:45:in `invoke'
# /root/.rbenv/versions/3.1.2/lib/ruby/gems/3.1.0/gems/rspec-core-3.13.0/exe/rspec:4:in `'
# /root/.rbenv/versions/3.1.2/bin/rspec:25:in `load'
# /root/.rbenv/versions/3.1.2/bin/rspec:25:in `'
#
```

# Showing full backtrace because every line was filtered out.

# See docs for RSpec::Configuration#backtrace\_exclusion\_patterns and

# RSpec::Configuration#backtrace\_inclusion\_patterns for more information.

No examples found.

Finished in 0.00008 seconds (files took 0.15858 seconds to load)

0 examples, 0 failures, 1 error occurred outside of examples

root@debian:/home/daniela/Practica3/spec#

*“A la Libertad por la Universidad”*