

UNIVERSIDAD NACIONAL AUTÓNOMA DE NICARAGUA

UNAN-León.



Facultad de Ciencias y Tecnología

Carrera: Ingeniería en Telemática.

Componente: Software como un Servicio.

Docente: Ervin Montes.

Nombre:

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Fecha: 20/08/2024.

¡A la libertad por la universidad!

Actividades Terminal 20 de ago 16:05

IT-08-SAAS-G2: Practica x GUÍA 3-1.pdf x +

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joysi@debian: ~/practica3

```
1. joysi@debian:~$ ls
array.rb  Escritorio  Música      trabajo2    TrabajoRuby2
Descargas Imágenes   Plantillas  Trabajo2Ruby Videos
Documentos mi_proyecto Público     trabajoGit

joysi@debian:~$ mkdir practica3
joysi@debian:~$ ls
array.rb  Escritorio  Música      Público     trabajoGit
Descargas Imágenes   Plantillas  trabajo2    TrabajoRuby2
Documentos mi_proyecto practica3    Trabajo2Ruby Videos

joysi@debian:~$ cd practica3
joysi@debian:~/practica3$ su
Contraseña:
root@debian:/home/joysi/practica3# exit
exit
joysi@debian:~/practica3$ touch Gemfile
joysi@debian:~/practica3$ ls
Gemfile
joysi@debian:~/practica3$ nano Gemfile
joysi@debian:~/practica3$
```

que utiliza rspec para correr los tests.

```
$ bundle exec rspec --init
```

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joysi@debian: ~/practica3

```
1. root@debian:/home/joysi/practica3# exit
exit
joysi@debian:~/practica3$ touch Gemfile
joysi@debian:~/practica3$ ls
Gemfile
joysi@debian:~/practica3$ nano Gemfile
joysi@debian:~/practica3$ su
Contraseña:
root@debian:/home/joysi/practica3# bundle install
Don't run Bundler as root. Bundler can ask for sudo if it is needed, and
installing your bundle as root will break this application for all non-root
users on this machine.
Fetching gem metadata from https://rubygems.org/...
Resolving dependencies...
2. Using rspec-support 3.13.1
Using bundler 2.3.7
Using diff-lcs 1.5.1
Using rspec-core 3.13.0
Using rspec-expectations 3.13.2
Using rspec-mocks 3.13.1
Using rspec 3.13.0
Bundle complete! 1 Gemfile dependency, 7 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
root@debian:/home/joysi/practica3#
```

que utiliza rspec para correr los tests.

```
$ bundle exec rspec --init
```

3.

En el directorio raíz del proyecto, crear una carpeta nueva llamada lib

Actividades Terminal 20 de ago 16:10

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joysi@debian: ~/practica3

```
1. root@debian:/home/joysi/practica3# bundle install
Don't run Bundler as root. Bundler can ask for sudo if it is needed, and
installing your bundle as root will break this application for all non-root
users on this machine.
Fetching gem metadata from https://rubygems.org/...
Resolving dependencies...
Using rspec-support 3.13.1
Using bundler 2.3.7
Using diff-lcs 1.5.1
Using rspec-core 3.13.0
Using rspec-expectations 3.13.2
Using rspec-mocks 3.13.1
Using rspec 3.13.0
Bundle complete! 1 Gemfile dependency, 7 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
root@debian:/home/joysi/practica3# bundle exec rspec--init
bundler: command not found: rspec--init
Install missing gem executables with `bundle install`
root@debian:/home/joysi/practica3# bundle exec rspec --init
create .rspec
create spec/spec_helper.rb
root@debian:/home/joysi/practica3# ls
Gemfile Gemfile.lock spec
root@debian:/home/joysi/practica3# mkdir lib
root@debian:/home/joysi/practica3#
```

2. En el directorio raíz del proyecto, crear una carpeta nueva llamada lib

3.1. Dentro de la carpeta lib, crear un archivo ruby.rb y agregar lo siguiente.

Actividades Terminal 20 de ago 16:11

IT-08-SAAS-G2: Practica x GUÍA 3-1.pdf x +

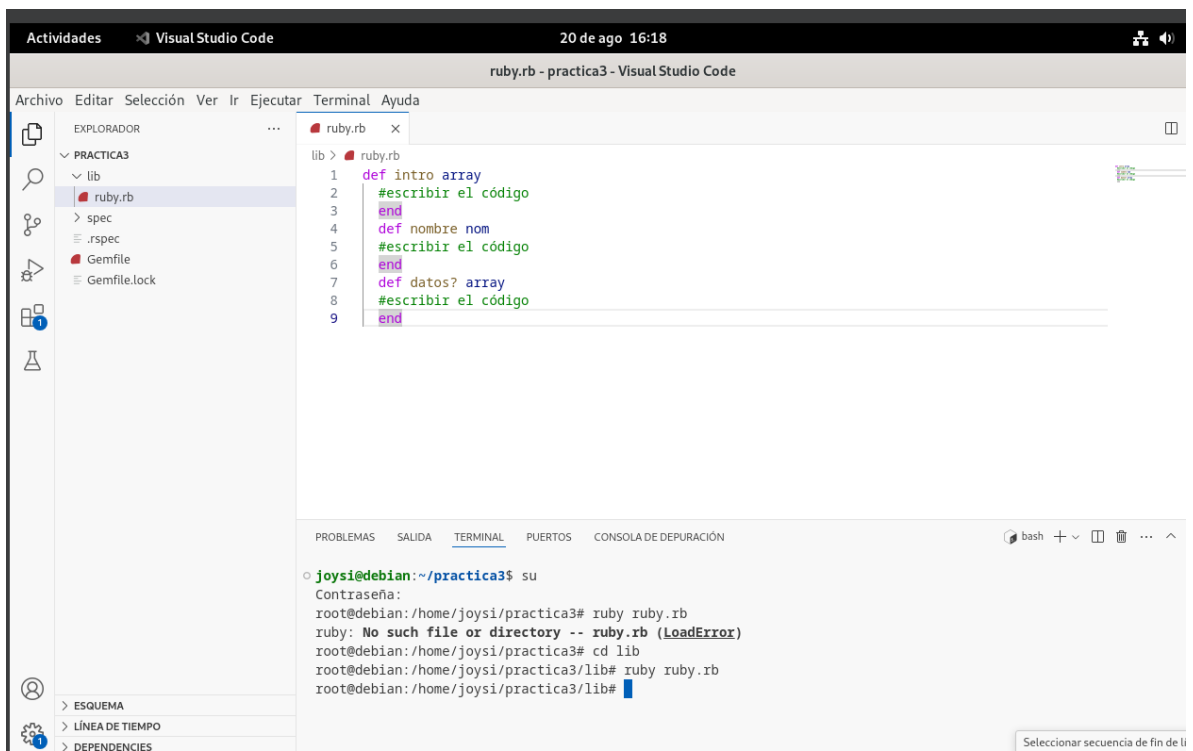
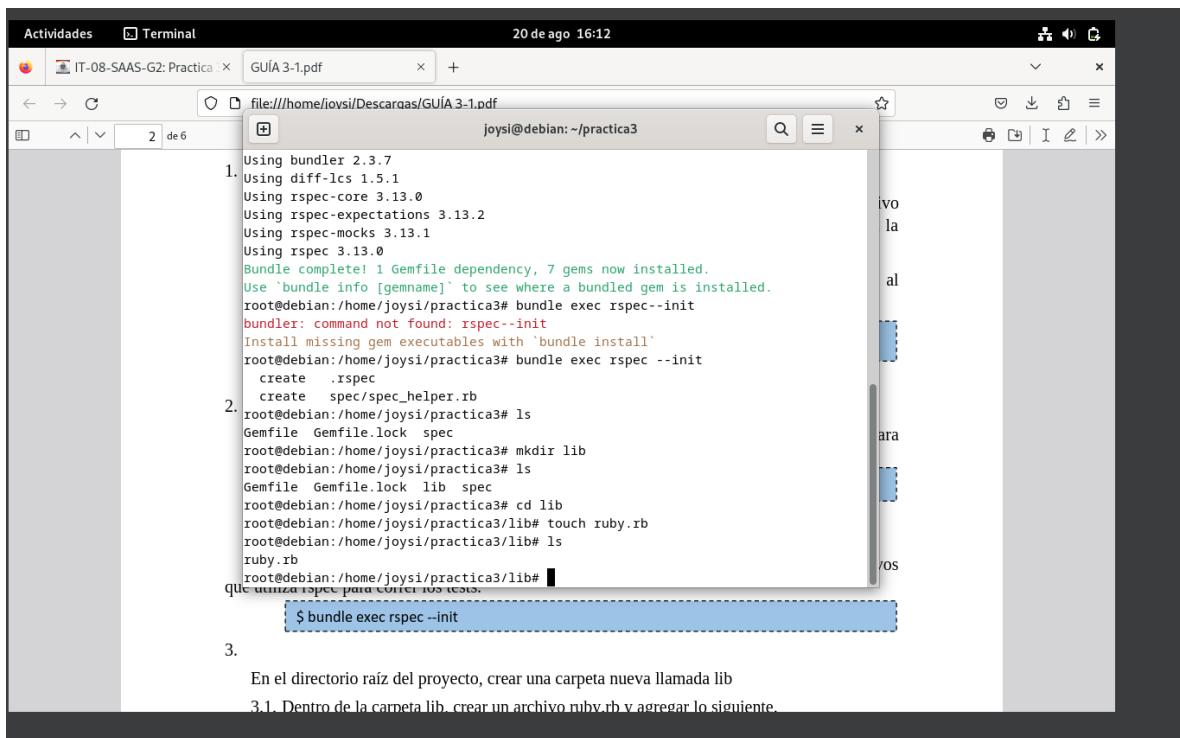
file:///home/iovsi/Descargas/GUÍA 3-1.pdf

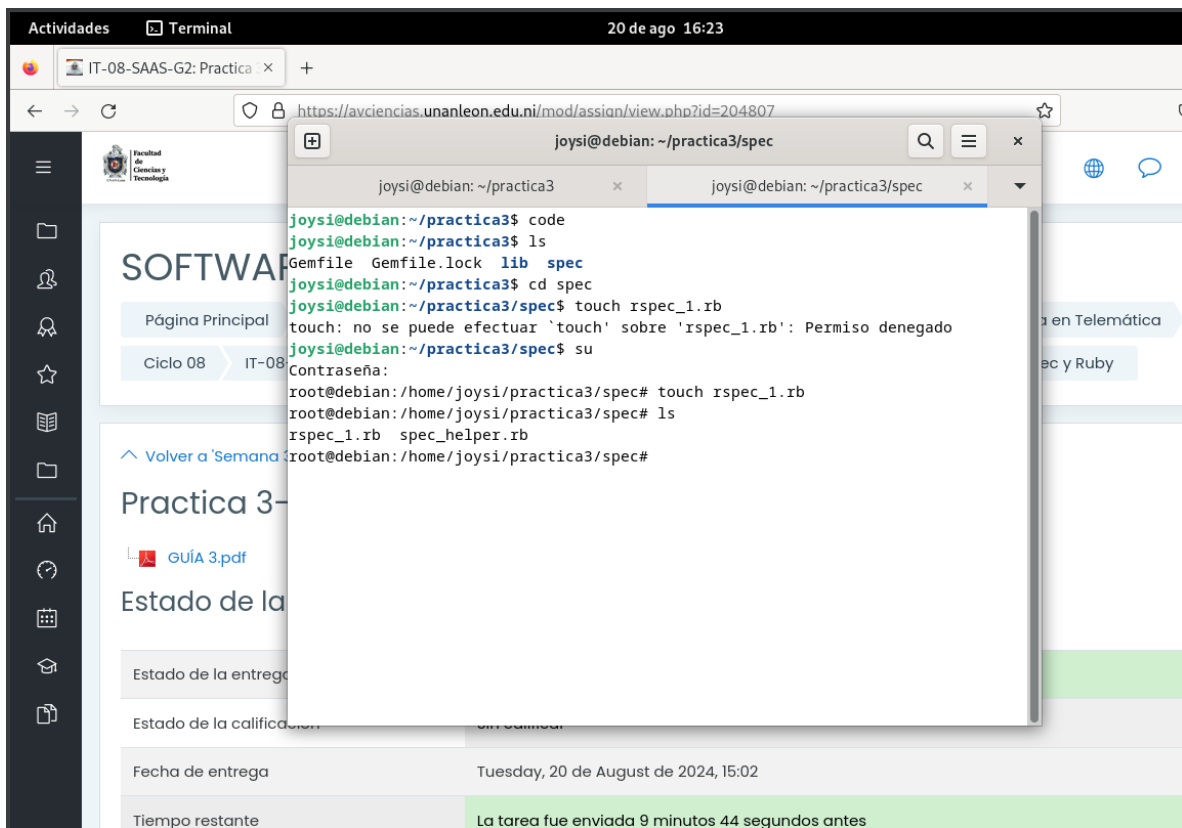
joysi@debian: ~/practica3

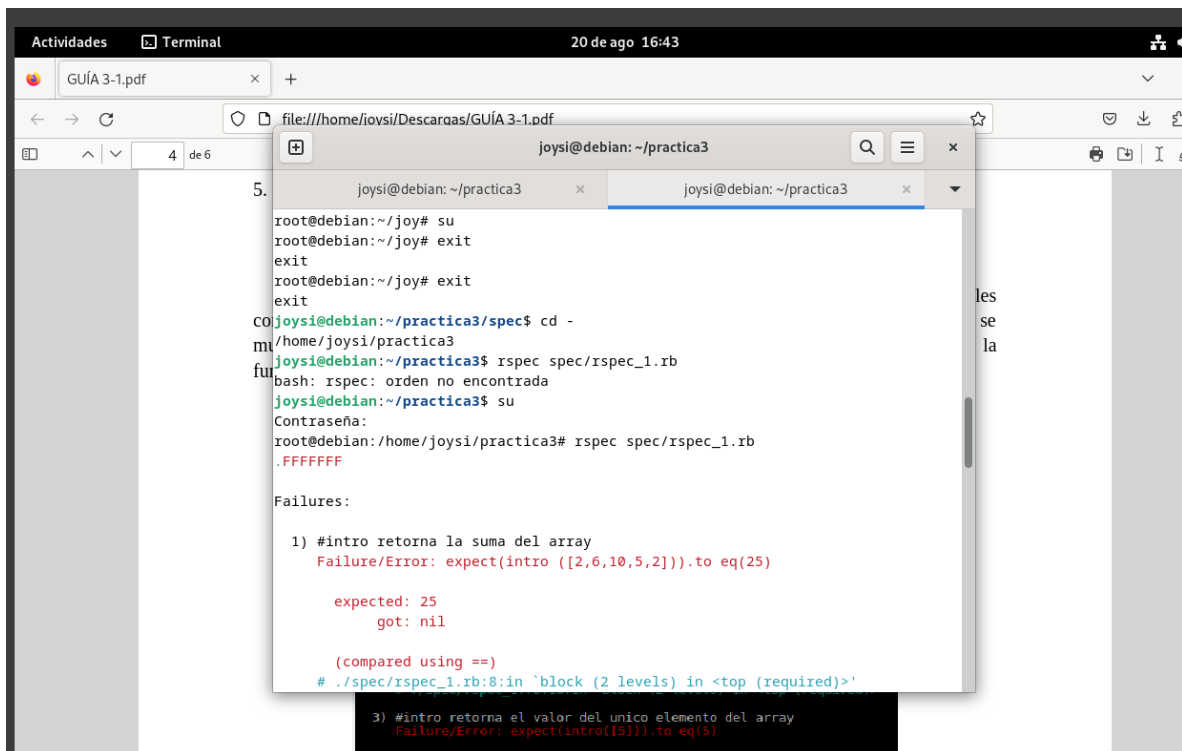
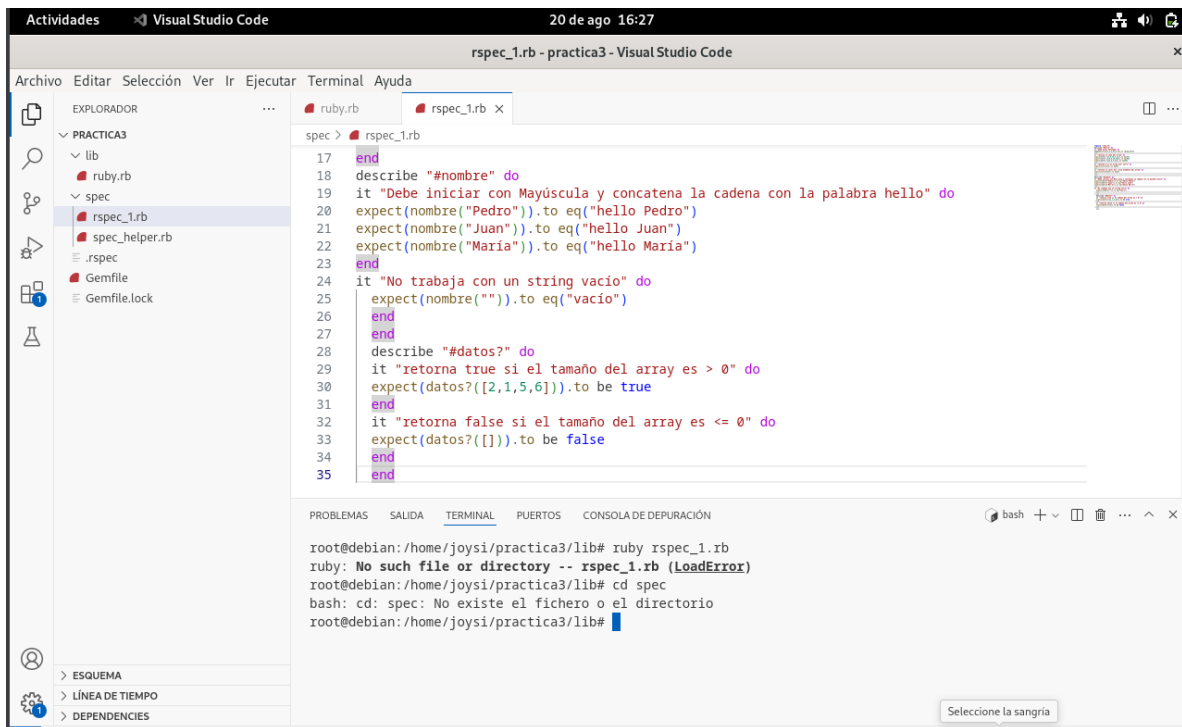
```
1. users on this machine.
Fetching gem metadata from https://rubygems.org/...
Resolving dependencies...
Using rspec-support 3.13.1
Using bundler 2.3.7
Using diff-lcs 1.5.1
Using rspec-core 3.13.0
Using rspec-expectations 3.13.2
Using rspec-mocks 3.13.1
Using rspec 3.13.0
Bundle complete! 1 Gemfile dependency, 7 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
root@debian:/home/joysi/practica3# bundle exec rspec--init
bundler: command not found: rspec--init
Install missing gem executables with `bundle install`
root@debian:/home/joysi/practica3# bundle exec rspec --init
create .rspec
create spec/spec_helper.rb
root@debian:/home/joysi/practica3# ls
Gemfile Gemfile.lock spec
root@debian:/home/joysi/practica3# mkdir lib
root@debian:/home/joysi/practica3# ls
Gemfile Gemfile.lock lib spec
root@debian:/home/joysi/practica3#
```

2. En el directorio raíz del proyecto, crear una carpeta nueva llamada lib

3.1. Dentro de la carpeta lib, crear un archivo ruby.rb y agregar lo siguiente.







Actividades Terminal 20 de ago 16:56

ruby.rb - practica3 - Visual Studio Code

Archivo Editar Selección Ver Ir Ejecutar Terminal Ayuda

EXPLORADOR

- ✓ PRACTICA3
 - lib
 - ruby.rb
 - spec
 - rspec_1.rb
 - spec_helper.rb
 - .rspec
 - Gemfile
 - Gemfile.lock

joy si@debian: ~/practica3

```
root@debian:/home/joy si/practica3# rspec spec/rspec_1.rb
....F...

Failures:

  1) #nombre Debe iniciar con Mayúscula y concatena la cadena con la palabra hello
     Failure/Error: expect(nombre("Pedro")).to eq("hello Pedro")

     expected: "hello Pedro"
      got: "helloooo Pedro"

     (compared using ==)
     # ./spec/rspec_1.rb:24:in `block (2 levels) in <top (required)>'

Finished in 0.01128 seconds (files took 0.06766 seconds to load)
8 examples, 1 failure

Failed examples:

rspec ./spec/rspec_1.rb:23 # #nombre Debe iniciar con Mayúscula y concatena la cadena con la palabra hello

root@debian:/home/joy si/practica3# rspec spec/rspec_1.rb
```

Actividades Terminal 20 de ago 16:43

GUÍA 3-1.pdf

file:///home/joy si/Descargas/GUÍA 3-1.pdf

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joy si@debian: ~/practica3

```
7) #datos? retorna false si el tamaño del array es <= 0
   Failure/Error: expect(datos?([])).to be false

   expected false
    got nil

   # ./spec/rspec_1.rb:40:in `block (2 levels) in <top (required)>'

Finished in 0.02787 seconds (files took 0.06773 seconds to load)
8 examples, 7 failures

Failed examples:

rspec ./spec/rspec_1.rb:7 # #intro retorna la suma del array
rspec ./spec/rspec_1.rb:13 # #intro retorna 0 si el array está vacío
rspec ./spec/rspec_1.rb:16 # #intro retorna el valor del único elemento del array
rspec ./spec/rspec_1.rb:23 # #nombre Debe iniciar con Mayúscula y concatena la cadena con la palabra hello
rspec ./spec/rspec_1.rb:29 # #nombre No trabaja con un string vacío
rspec ./spec/rspec_1.rb:36 # #datos? retorna true si el tamaño del array es > 0
rspec ./spec/rspec_1.rb:39 # #datos? retorna false si el tamaño del array es <= 0

root@debian:/home/joy si/practica3#
```

3) #intro retorna el valor del unico elemento del array
Failure/Error: expect(intro[5]).to eq(5)
expected: 5
got: nil

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ruby.rb - practica3 - Visual Studio Code

Archivo Editar Selección Ver Ir Ejecutar Terminal Ayuda

EXPLORADOR

- PRACTICA3
 - lib
 - ruby.rb
 - spec
 - rspec_1.rb
 - spec_helper.rb
 - .rspec
 - Gemfile
 - Gemfile.lock

ESQUEMA

```
joysi@debian: ~/practica3
Failure/Error: expect(nombre("Pedro")).to eq("hello Pedro")
expected: "hello Pedro"
got: "helloooo Pedro"

(compared using ==)
# ./spec/rspec_1.rb:24:in `block (2 levels) in <top (required)>'

Finished in 0.01128 seconds (files took 0.06766 seconds to load)
8 examples, 1 failure

Failed examples:

rspec ./spec/rspec_1.rb:23 # nombre Debe iniciar con Mayúscula y concatena la c
adena con la palabra hello

root@debian:/home/joysi/practica3# rspec spec/rspec_1.rb
.....

Finished in 0.01865 seconds (files took 0.06775 seconds to load)
8 examples, 0 failures

root@debian:/home/joysi/practica3#
```

3

```
joysi@debian: ~/practica3/spec

root@debian:/home/joysi/practica3# rm -r calculator.rb
root@debian:/home/joysi/practica3# ls
Gemfile Gemfile.lock lib spec
root@debian:/home/joysi/practica3# cd lib
root@debian:/home/joysi/practica3/lib# touch calculator.rb
root@debian:/home/joysi/practica3/lib# ls
calculator.rb  ruby.rb
root@debian:/home/joysi/practica3/lib# cd
root@debian:~# ls
joy
root@debian:~# cd joy
root@debian:~/joy# ls
app      config.ru  Gemfile    log        README.md  tmp
bin      db         Gemfile.lock public     storage    vendor
config  Dockerfile lib        Rakefile   test
```