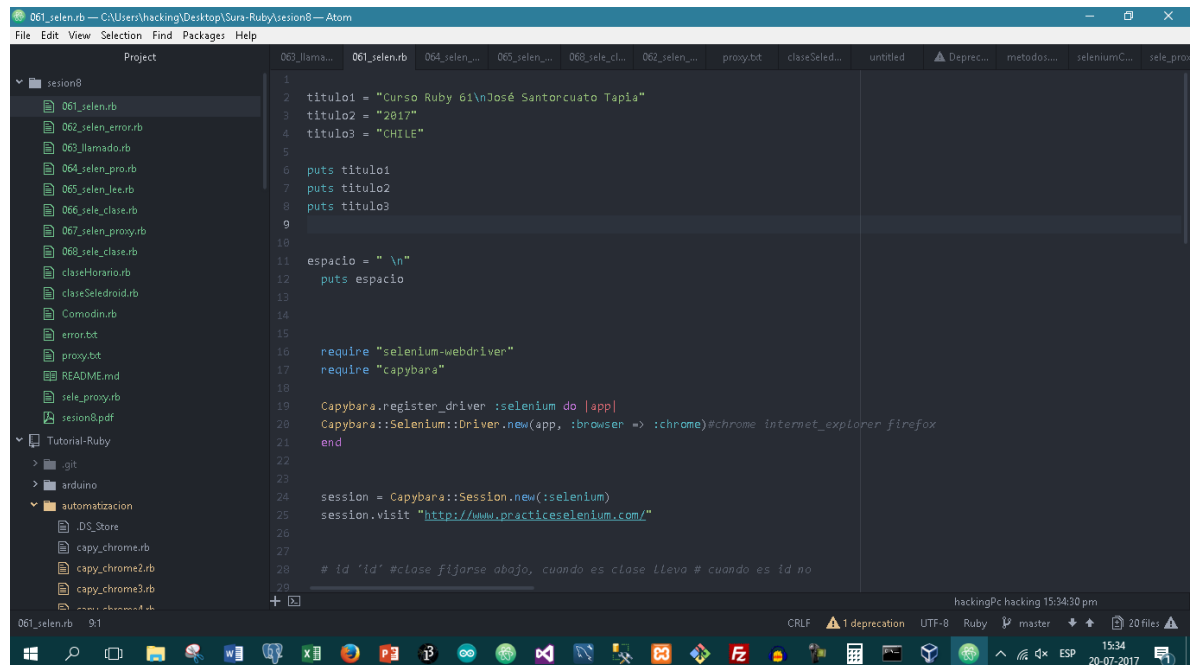


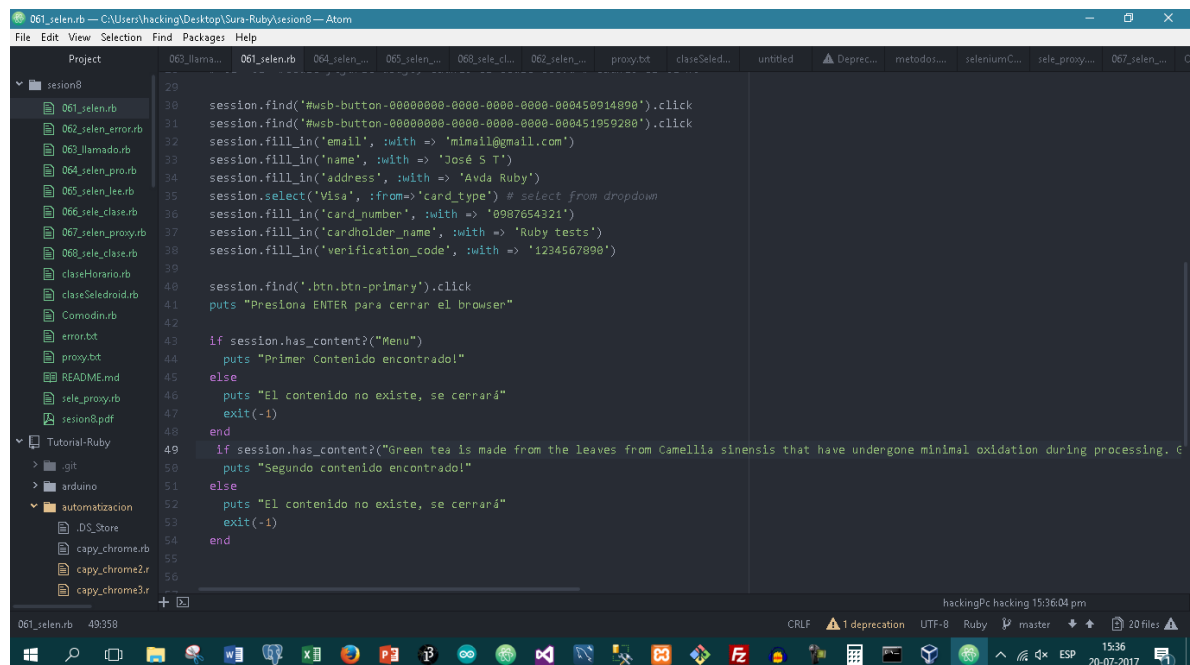
Programaciones sesión 8

Antes de comenzar lee el README de esta sesión.

061_selen.rb



```
1
2 titulo1 = "Curso Ruby 61\nJosé Santorcuato Tapia"
3 titulo2 = "2017"
4 titulo3 = "CHILE"
5
6 puts titulo1
7 puts titulo2
8 puts titulo3
9
10
11 espacio = " \n"
12 puts espacio
13
14
15
16 require "selenium-webdriver"
17 require "capybara"
18
19 Capybara.register_driver :selenium do |app|
20   Capybara::Selenium::Driver.new(app, :browser => :chrome)#chrome Internet Explorer Firefox
21 end
22
23
24 session = Capybara::Session.new(:selenium)
25 session.visit "http://www.practiceselenium.com/"
26
27
28 # id 'id' #close fijarse abajo, cuando es close lleva # cuando es id no
29
```



```
29
30 session.find('#wsb-button-00000000-0000-0000-0000-000450914090').click
31 session.find('#wsb-button-00000000-0000-0000-0000-000451959280').click
32 session.fill_in('email', :with => 'mimail@gmail.com')
33 session.fill_in('name', :with => 'José S T')
34 session.fill_in('address', :with => 'Avda Ruby')
35 session.select('Visa', :from => 'card_type') # select from dropdown
36 session.fill_in('card_number', :with => '0907654321')
37 session.fill_in('cardholder_name', :with => 'Ruby tests')
38 session.fill_in('verification_code', :with => '1234567890')
39
40 session.find('.btn.btn-primary').click
41 puts "Presiona ENTER para cerrar el browser"
42
43 if session.has_content?("#Menu")
44   puts "Primer Contenido encontrado!"
45 else
46   puts "El contenido no existe, se cerrará"
47   exit(-1)
48 end
49 if session.has_content?("Green tea is made from the leaves from Camellia sinensis that have undergone minimal oxidation during processing. 0
50   puts "Segundo contenido encontrado!"
51 else
52   puts "El contenido no existe, se cerrará"
53   exit(-1)
54 end
55
56
```

061_selen.rb — C:\Users\hacking\Desktop\Sura-Ruby\sesion8 — Atom

File Edit View Selection Find Packages Help

Project

- 061_selen.rb
- 062_selen_error.rb
- 063_llamado.rb
- 064_selen_pro.rb
- 065_selen_lee.rb
- 066_selen_clase.rb
- 067_selen_proxy.rb
- 068_selen_clase.rb
- claseHorario.rb
- claseSeledroid.rb
- Comodin.rb
- error.txt
- proxy.txt
- README.md
- selen_proxy.rb
- sesion8.pdf

Tutorial-Ruby

- .git
- arduino
- automatizacion
 - .DS_Store
 - capypchrome.rb
 - capypchrome2.r
 - capypchrome3.r

```
44 puts "Primer Contenido encontrado!"
45 else
46 puts "El contenido no existe, se cerrará"
47 exit(-1)
48 end
49 if session.has_content?("Green tea is made from the leaves from Camellia sinensis that have undergone minimal oxidation during processing. e
50 puts "Segundo contenido encontrado!"
51 else
52 puts "El contenido no existe, se cerrará"
53 exit(-1)
54 end
55
56
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58
59
60
61
62 Capybara::Selenium::Driver.class_eval do
63 def quit
64 $stdin.gets
65 @browser.quit
66
67 rescue Errno::ECONNREFUSED
68 # Browser must have already gone
69 end
70 end
71
```

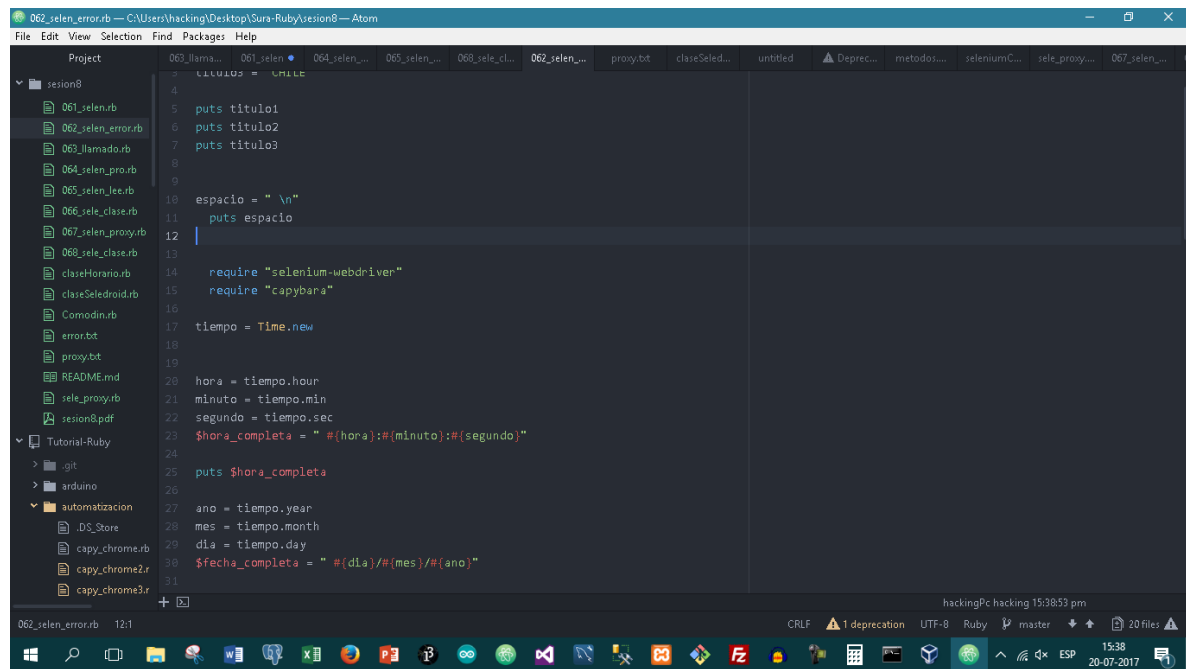
hackingPc hacking 15:36:48 pm

061_selen.rb* 601

CRLF 1 deprecation UTF-8 Ruby master 20 files

15:36 20-07-2017

062_selen_error.rb



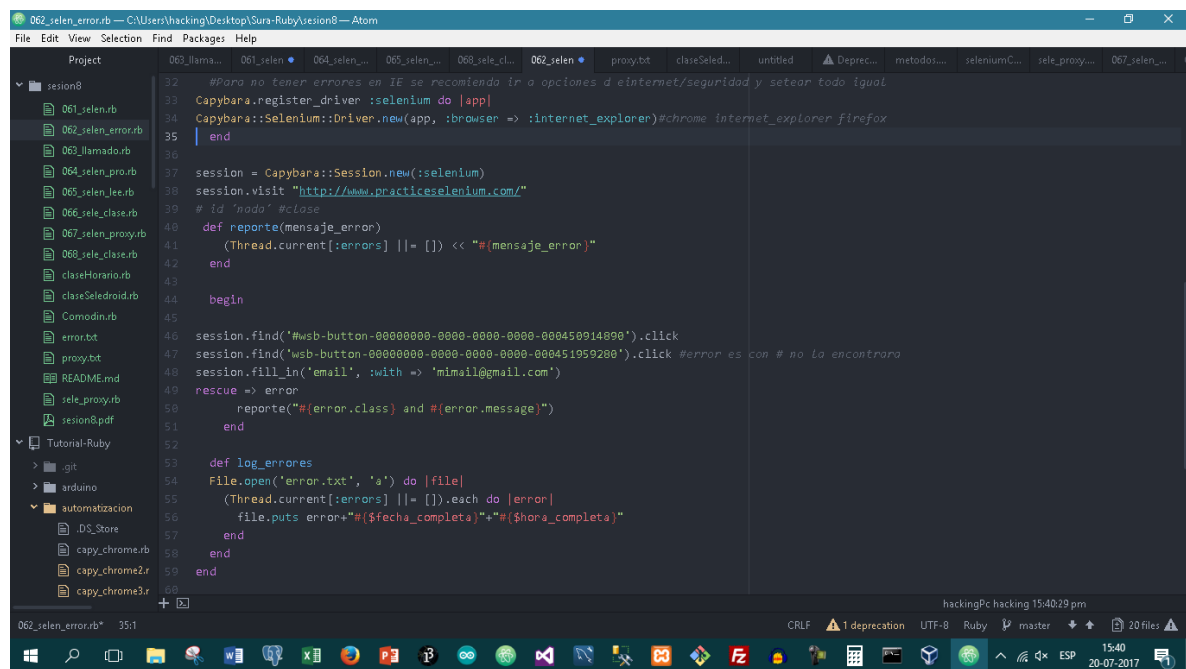
```
062_selen_error.rb — C:\Users\hacking\Desktop\Sura-Ruby\session8 — Atom
File Edit View Selection Find Packages Help

Project
  session8
    061_selen.rb
    062_selen_error.rb
    063_llamado.rb
    064_selen_pro.rb
    065_selen_lee.rb
    066_selen_clase.rb
    067_selen_proxy.rb
    068_selen_clase.rb
    claseHorario.rb
    claseSeledroid.rb
    Comodin.rb
    error.txt
    proxy.txt
    README.md
    sele_proxy.rb
    session8.pdf
  Tutorial-Ruby
    .git
    arduino
    automatizacion
      .DS_Store
      capy_chrome.rb
      capy_chrome2.r
      capy_chrome3.r

4
5 puts titulo1
6 puts titulo2
7 puts titulo3
8
9
10 espacio = " \n"
11 puts espacio
12
13
14 require "selenium-webdriver"
15 require "capybara"
16
17 tiempo = Time.new
18
19
20 hora = tiempo.hour
21 minuto = tiempo.min
22 segundo = tiempo.sec
23 $hora_completa = "#{hora}#{minuto}#{segundo}"
24
25 puts $hora_completa
26
27 ano = tiempo.year
28 mes = tiempo.month
29 dia = tiempo.day
30 $fecha_completa = "#{dia}/#{mes}/#{ano}"
31
+

hackingPc hacking 15:38:53 pm
CRLF 1 deprecation UTF-8 Ruby master 20 files
```

Continuación 062



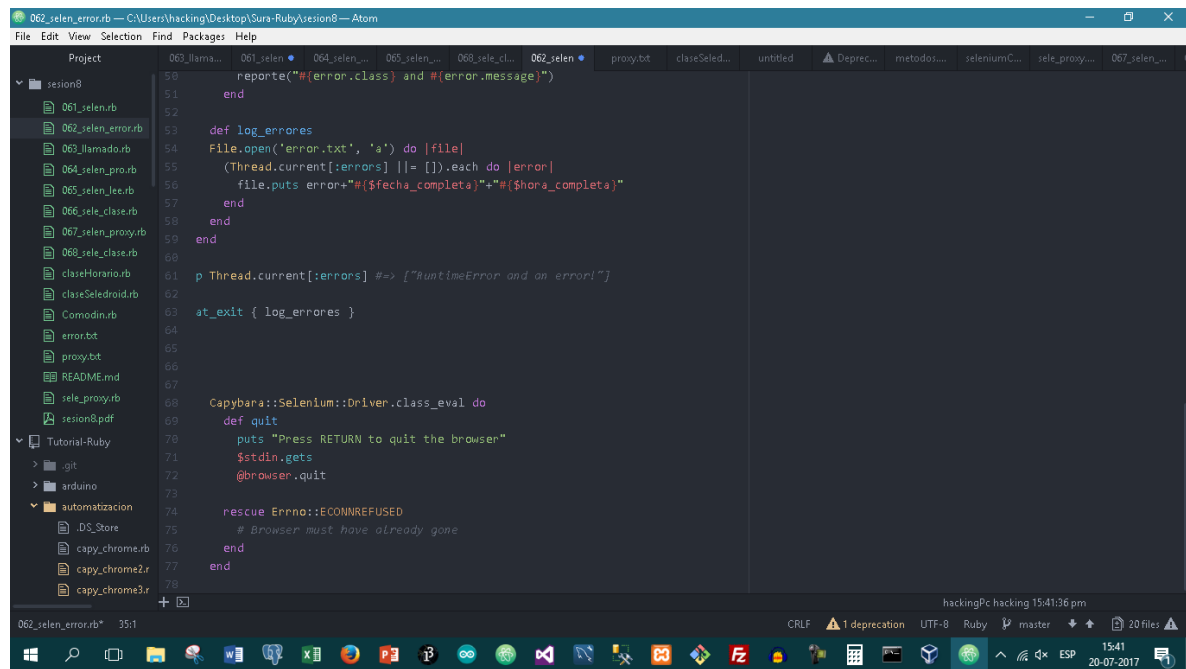
```
062_selen_error.rb — C:\Users\hacking\Desktop\Sura-Ruby\session8 — Atom
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    062_selen_error.rb
    063_llamado.rb
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    README.md
    sele_proxy.rb
    session8.pdf
  Tutorial-Ruby
    .git
    arduino
    automatizacion
      .DS_Store
      capy_chrome.rb
      capy_chrome2.r
      capy_chrome3.r

32 #Para no tener errores en IE se recomienda ir a opciones de internet/seguridad y setear todo igual
33 Capybara.register_driver :selenium do |app|
34   Capybara::Selenium::Driver.new(app, :browser => :internet_explorer) #chrome internet_explorer firefox
35 end
36
37 session = Capybara::Session.new(:selenium)
38 session.visit "http://www.practiceselenium.com/"
39 # id 'nodo' #close
40 def reporte(mensaje_error)
41   (Thread.current[:errors] ||= []) << "#{mensaje_error}"
42 end
43
44 begin
45
46 session.find('#wsb-button-00000000-0000-0000-0000-000450914990').click
47 session.find('#wsb-button-00000000-0000-0000-0000-000451950200').click #error es con # no la encontrara
48 session.fill_in('email', :with => 'minmail@gmail.com')
49 rescue => error
50   reporte("#{error.class} and #{error.message}")
51 end
52
53 def log_errores
54   File.open('error.txt', 'a') do |file|
55     (Thread.current[:errors] ||= []).each do |error|
56       file.puts error+"#{$fecha_completa}"+="#{$hora_completa}"
57     end
58   end
59 end
60
+

hackingPc hacking 15:40:29 pm
CRLF 1 deprecation UTF-8 Ruby master 20 files
```

Continuación 062_selen_error.rb

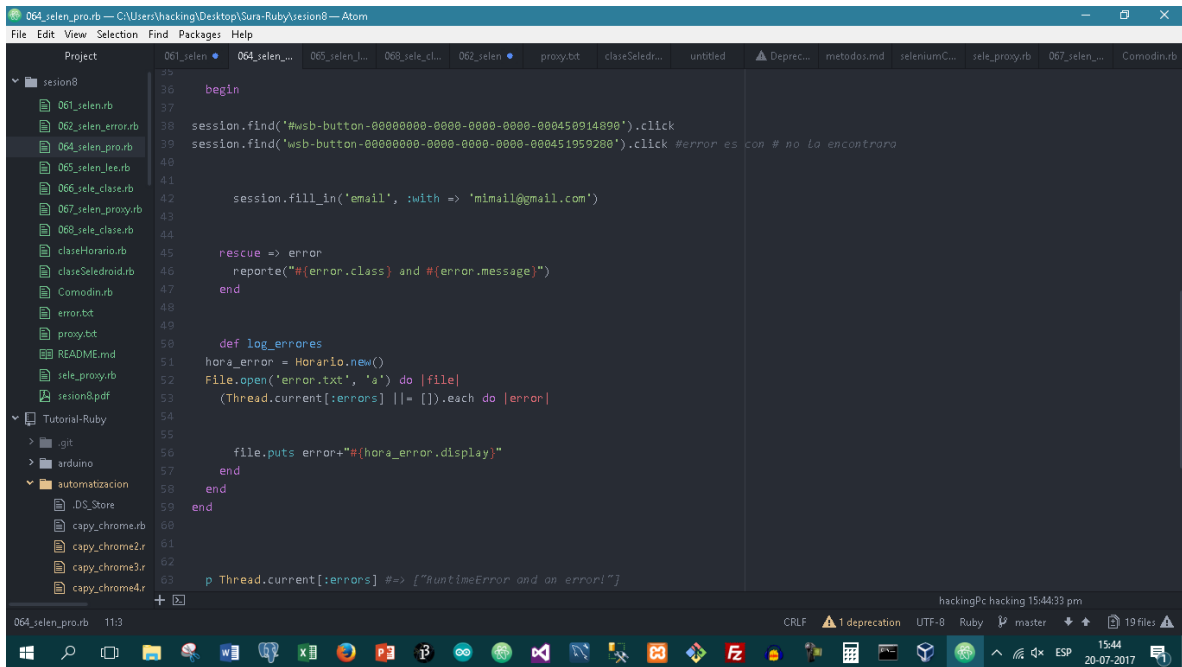


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062_selen_error.rb — C:\Users\hacking\Desktop\Sura-Ruby\session8 — Atom
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Project
  session8
    061_selen.rb
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    066_selen_clase.rb
    067_selen_proxy.rb
    068_selen_clase.rb
    claseHorario.rb
    claseSeledroid.rb
    Comodin.rb
    error.txt
    proxy.txt
    README.md
    sele_proxy.rb
    session8.pdf
  Tutorial-Ruby
    .git
    arduino
    automatizacion
      .DS_Store
      capy_chrome.rb
      capy_chrome2.r
      capy_chrome3.r
      +

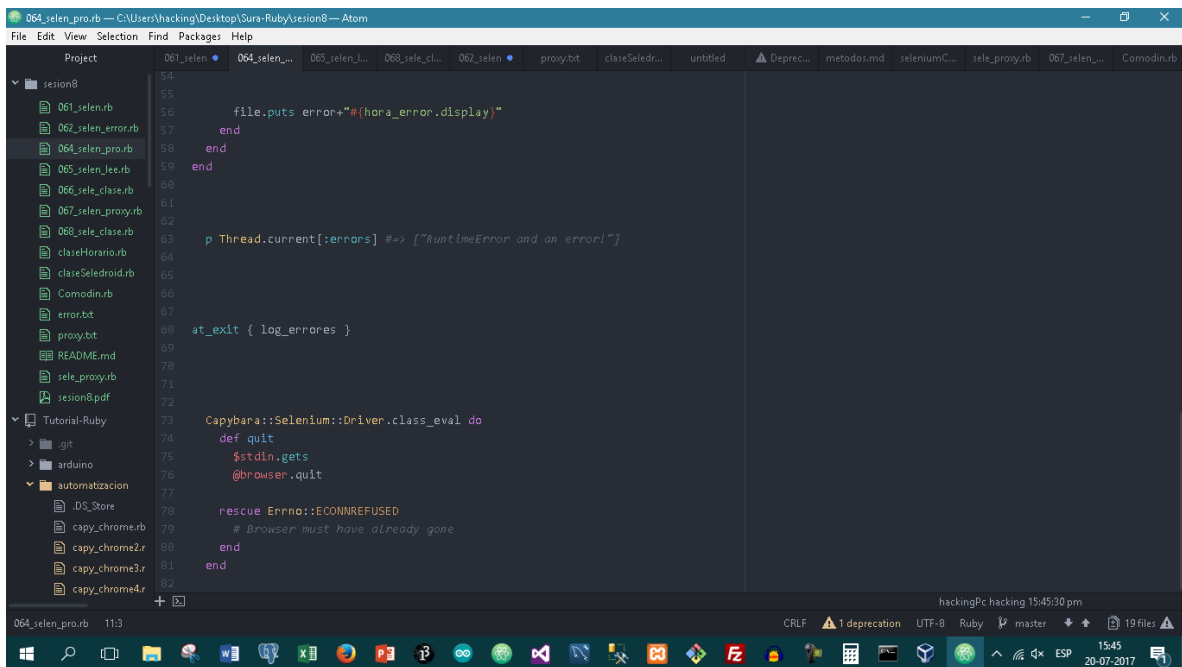
50     reporte("#{error.class} and #{error.message}")
51   end
52
53   def log_errores
54     File.open("error.txt", 'a') do |file|
55       (Thread.current[:errors] ||= []).each do |error|
56         file.puts error+"#({fecha_completa})"+"#({hora_completa})"
57       end
58     end
59   end
60 end
61
62 p Thread.current[:errors] #=> ["RuntimeError and an error!"]
63
64 at_exit { log_errores }
65
66
67
68
69 Capybara::Selenium::Driver.class_eval do
70   def quit
71     puts "Press RETURN to quit the browser"
72     $stdin.gets
73     @browser.quit
74   end
75 end
76
77 rescue Errno::ECONNREFUSED
78   # Browser must have already gone
79 end
80 end
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Continuación 064_selen_pro.rb



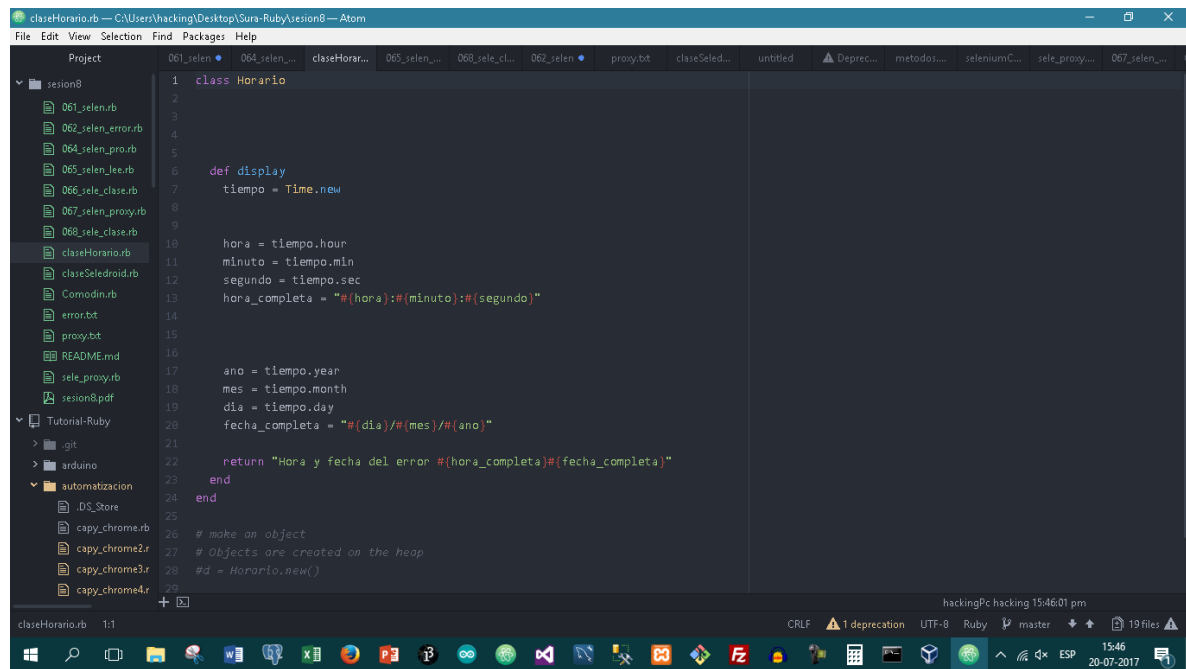
```
begin
  session.find('#wsb-button-00000000-0000-0000-0000-000450014900').click
  session.find('#wsb-button-00000000-0000-0000-0000-000451959200').click #error es con # no la encontrara
  session.fill_in('email', :with => 'mimail@gmail.com')
  rescue => error
    reporte("#(error.class) and #(error.message)")
  end
  def log_errores
    hora_error = Horario.new()
    File.open('error.txt', 'a') do |file|
      (Thread.current[:errors] || []).each do |error|
        file.puts error+"#(hora_error.display)"
      end
    end
  end
  p Thread.current[:errors] #=> ["RuntimeError and an error!"]
end
```

Continuación 064_selen_pro.rb



```
file.puts error+"#(hora_error.display)"
end
end
end
p Thread.current[:errors] #=> ["RuntimeError and an error!"]
at_exit { log_errores }
Capybara::Selenium::Driver.class_eval do
  def quit
    $stdin.gets
    @browser.quit
  rescue Errno::ECONNREFUSED
    # Browser must have already gone
  end
end
```

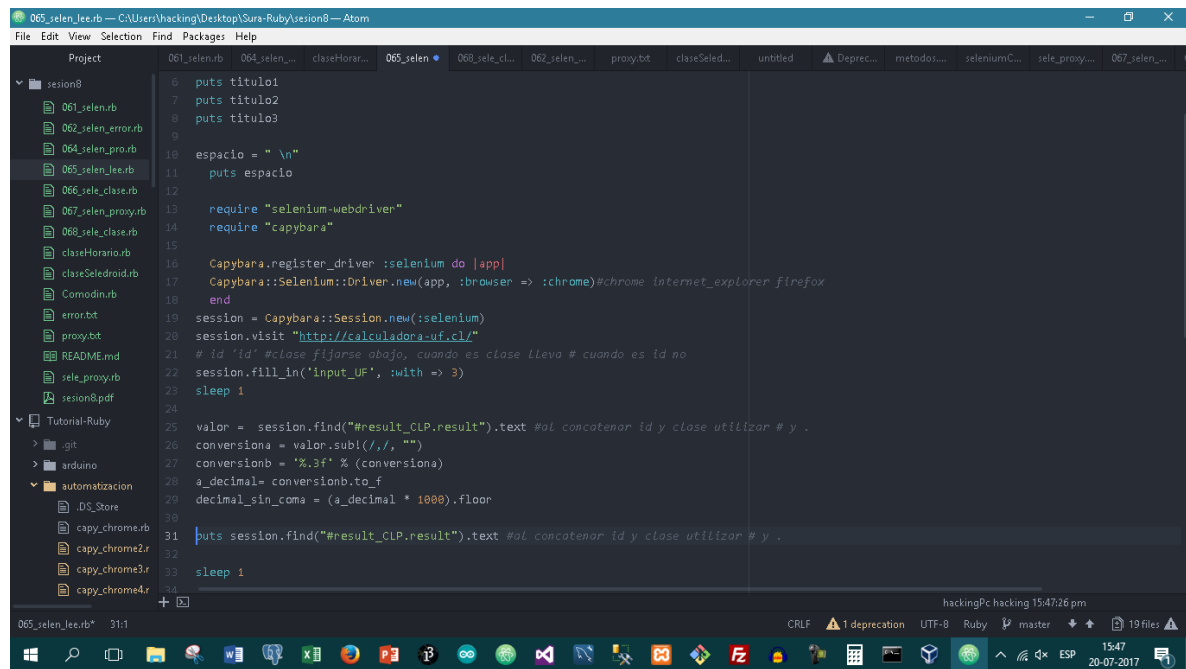
Clase Horario



The screenshot shows the Atom code editor with a project named 'session8'. The file explorer on the left lists various files, including 'claseHorario.rb' which is currently open. The code in 'claseHorario.rb' defines a class 'Horario' with a 'display' method. The method uses the 'Time' class to get the current time and formats it into a string 'Hora y fecha del error' followed by the time and date in HH:mm:ss and YYYY-MM-DD format. The status bar at the bottom indicates the file is 'claseHorario.rb' with 1 deprecation warning, UTF-8 encoding, and Ruby syntax.

```
1 class Horario
2
3
4
5
6   def display
7     tiempo = Time.new
8
9
10    hora = tiempo.hour
11    minuto = tiempo.min
12    segundo = tiempo.sec
13    hora_completa = "#{hora}:{minuto}:{segundo}"
14
15
16
17    ano = tiempo.year
18    mes = tiempo.month
19    dia = tiempo.day
20    fecha_completa = "#{dia}/#{mes}/#{ano}"
21
22    return "Hora y fecha del error #{hora_completa}#{fecha_completa}"
23  end
24 end
25
26 # make an object
27 # Objects are created on the heap
28 #d = Horario.new()
29
30
```

065_selen_leer.rb

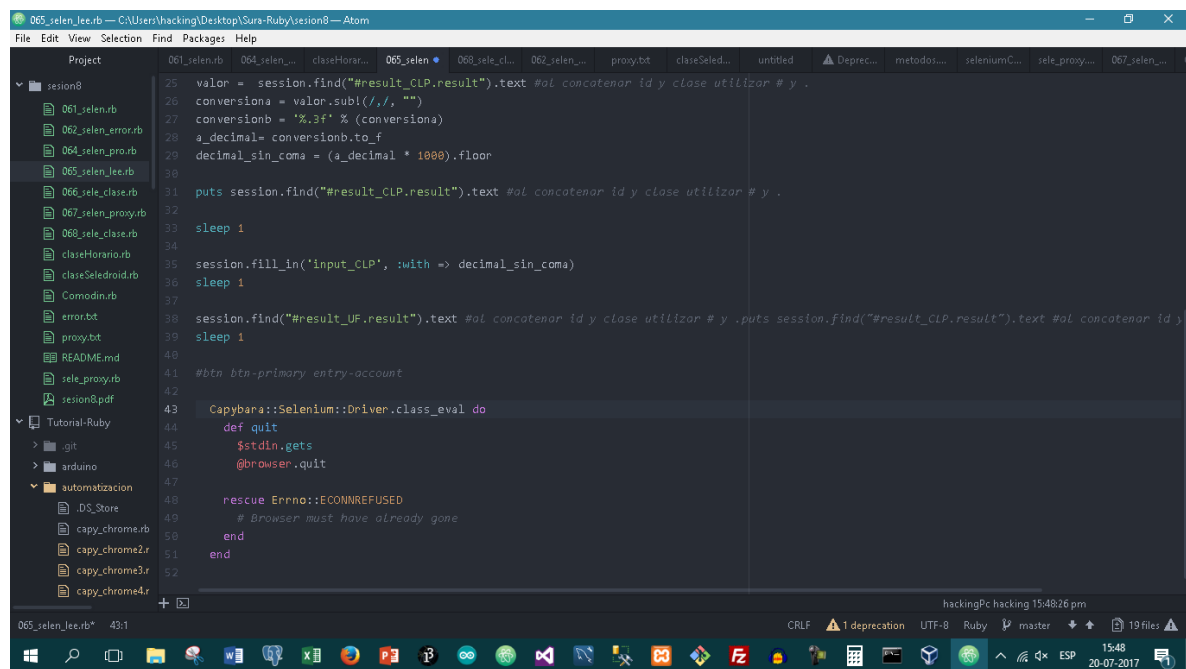


```
065_selen_leer.rb — C:\Users\hacking\Desktop\Sura-Ruby\session8 — Atom
File Edit View Selection Find Packages Help

Project
  session8
    061_selen.rb
    062_selen_error.rb
    064_selen_pro.rb
    065_selen_leer.rb
    066_selen_clase.rb
    067_selen_proxy.rb
    068_selen_clase.rb
    claseHorario.rb
    claseSeledroid.rb
    Comodin.rb
    error.txt
    proxy.txt
    README.md
    sele_proxy.rb
    session8.pdf
  Tutorial-Ruby
    .git
    arduino
    automatizacion
      .DS_Store
      capy_chrome.rb
      capy_chrome2.r
      capy_chrome3.r
      capy_chrome4.r

25 puts titulo1
26 puts titulo2
27 puts titulo3
28
29 espacio = " \n"
30 puts espacio
31
32 require "selenium-webdriver"
33 require "capybara"
34
35 Capybara.register_driver :selenium do |app|
36   Capybara::Selenium::Driver.new(app, :browser => :chrome) #chrome internet_explorer firefox
37 end
38
39 session = Capybara::Session.new(:selenium)
40 session.visit "http://calculadora-uf.cl/"
41 # id 'id' #clase fijarse abajo, cuando es clase lleva # cuando es id no
42 session.fill_in('input_UF', :with => 3)
43 sleep 1
44
45 valor = session.find("#result_CLP.result").text #ol concatenar id y clase utilizar # y .
46 conversiona = valor.sub(/./, "")
47 conversionb = "%.3f" % (conversiona)
48 a_decimal= conversionb.to_f
49 decimal_sin_coma = (a_decimal * 1000).floor
50
51 puts session.find("#result_CLP.result").text #ol concatenar id y clase utilizar # y .
52
53 sleep 1
```

Continuación 065_selen_error.rb

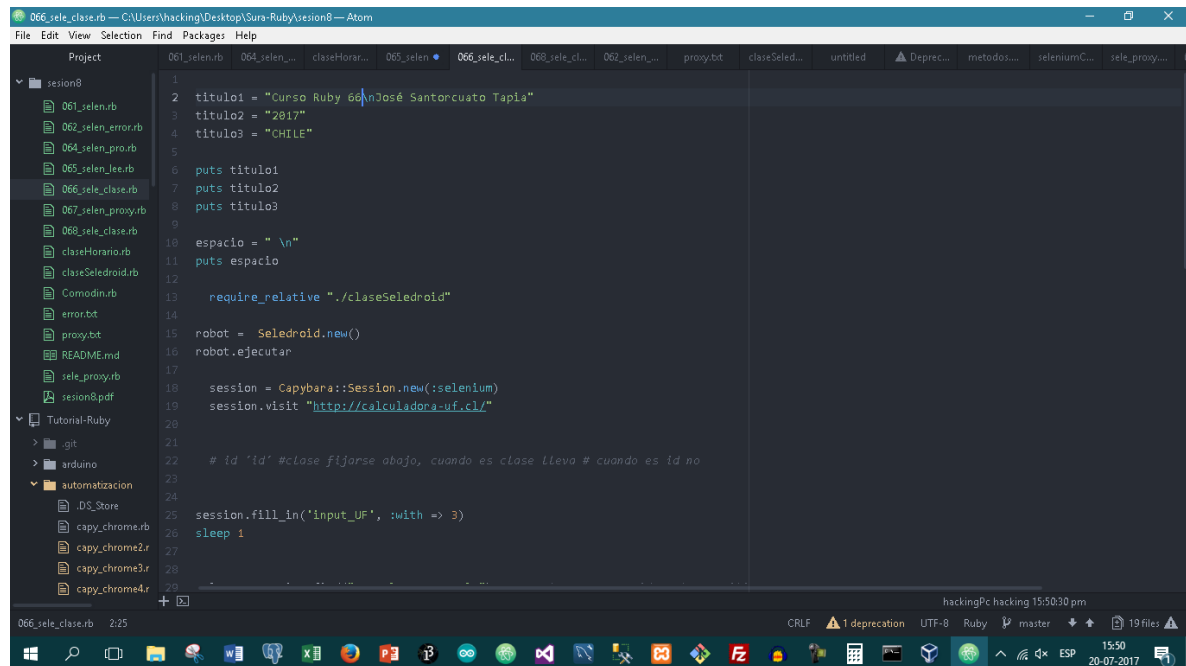


```
065_selen_leer.rb — C:\Users\hacking\Desktop\Sura-Ruby\session8 — Atom
File Edit View Selection Find Packages Help

Project
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    061_selen.rb
    062_selen_error.rb
    064_selen_pro.rb
    065_selen_leer.rb
    066_selen_clase.rb
    067_selen_proxy.rb
    068_selen_clase.rb
    claseHorario.rb
    claseSeledroid.rb
    Comodin.rb
    error.txt
    proxy.txt
    README.md
    sele_proxy.rb
    session8.pdf
  Tutorial-Ruby
    .git
    arduino
    automatizacion
      .DS_Store
      capy_chrome.rb
      capy_chrome2.r
      capy_chrome3.r
      capy_chrome4.r

25 valor = session.find("#result_CLP.result").text #ol concatenar id y clase utilizar # y .
26 conversiona = valor.sub(/./, "")
27 conversionb = "%.3f" % (conversiona)
28 a_decimal= conversionb.to_f
29 decimal_sin_coma = (a_decimal * 1000).floor
30
31 puts session.find("#result_CLP.result").text #ol concatenar id y clase utilizar # y .
32
33 sleep 1
34
35 session.fill_in('input_CLP', :with => decimal_sin_coma)
36 sleep 1
37
38 session.find("#result_UF.result").text #ol concatenar id y clase utilizar # y . puts session.find("#result_CLP.result").text #ol concatenar id y .
39 sleep 1
40
41 #btn btn-primary entry-account
42
43 Capybara::Selenium::Driver.class_eval do
44   def quit
45     $stdin.gets
46     @browser.quit
47   end
48
49 rescue Errno::ECONNREFUSED
50   # Browser must have already gone
51 end
52
53 sleep 1
```

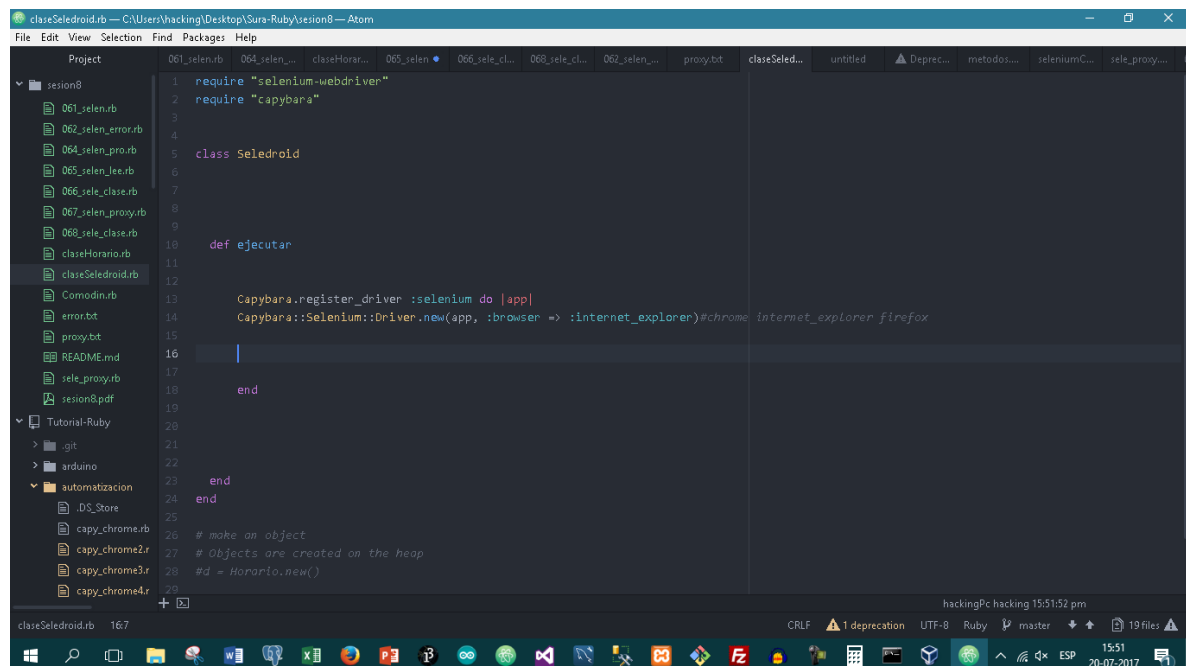
Programación 066_sele_clase.rb utiliza misma programación anterior más una clase para omitir código o reutilizarlo.



```
1
2 titulo1 = "Curso Ruby 66"
3 titulo2 = "2017"
4 titulo3 = "CHILE"
5
6 puts titulo1
7 puts titulo2
8 puts titulo3
9
10 espacio = " \n"
11 puts espacio
12
13 require_relative "../claseSeledroid"
14
15 robot = Selenium::WebDriver.new
16 robot.ejecutar
17
18 session = Capybara::Session.new(:selenium)
19 session.visit "http://calculadora-uf.cl/"
20
21
22 # id 'id' #clase fijarse abajo, cuando es clase lleva # cuando es id no
23
24
25 session.fill_in('input_UF', :with => 3)
26 sleep 1
27
28
29
```

Ojo con require_relative "../claseSeledroid"

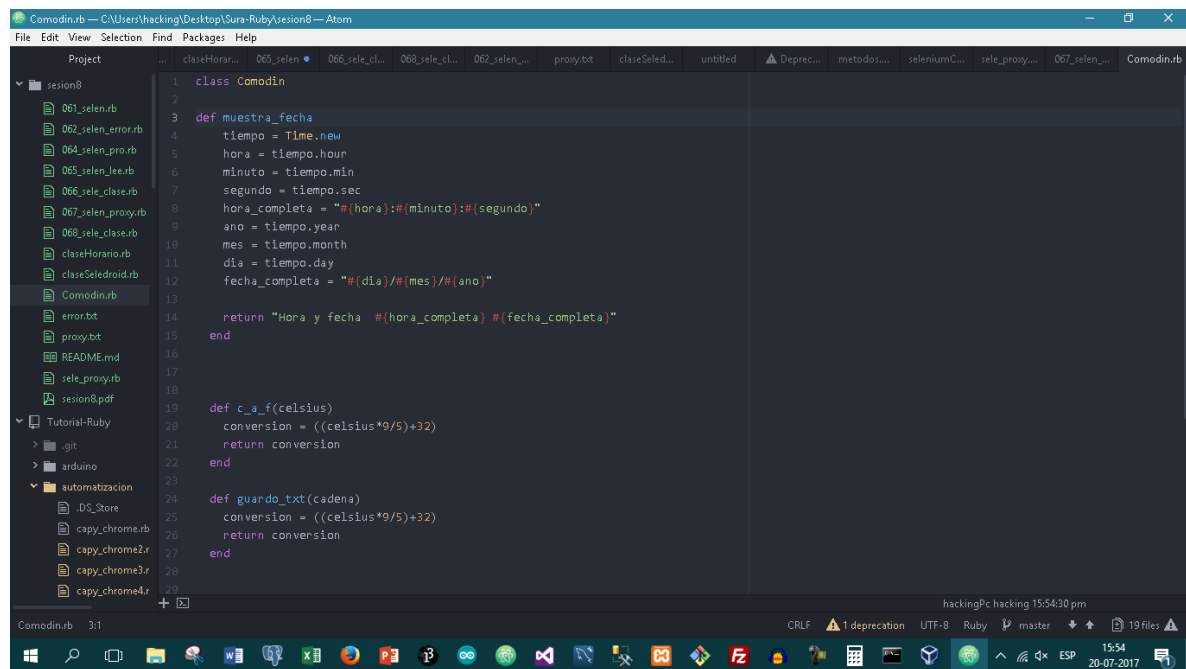
Acá la clase



```
1 require "selenium-webdriver"
2 require "capybara"
3
4
5 class Selenium::WebDriver
6
7
8
9
10 def ejecutar
11
12
13 Capybara.register_driver :selenium do |app|
14 Capybara::Selenium::Driver.new(app, :browser => :internet_explorer)
15
16
17
18 end
19
20
21
22
23 end
24 end
25
26 # make an object
27 # Objects are created on the heap
28 #d = Selenium::WebDriver.new
29
```

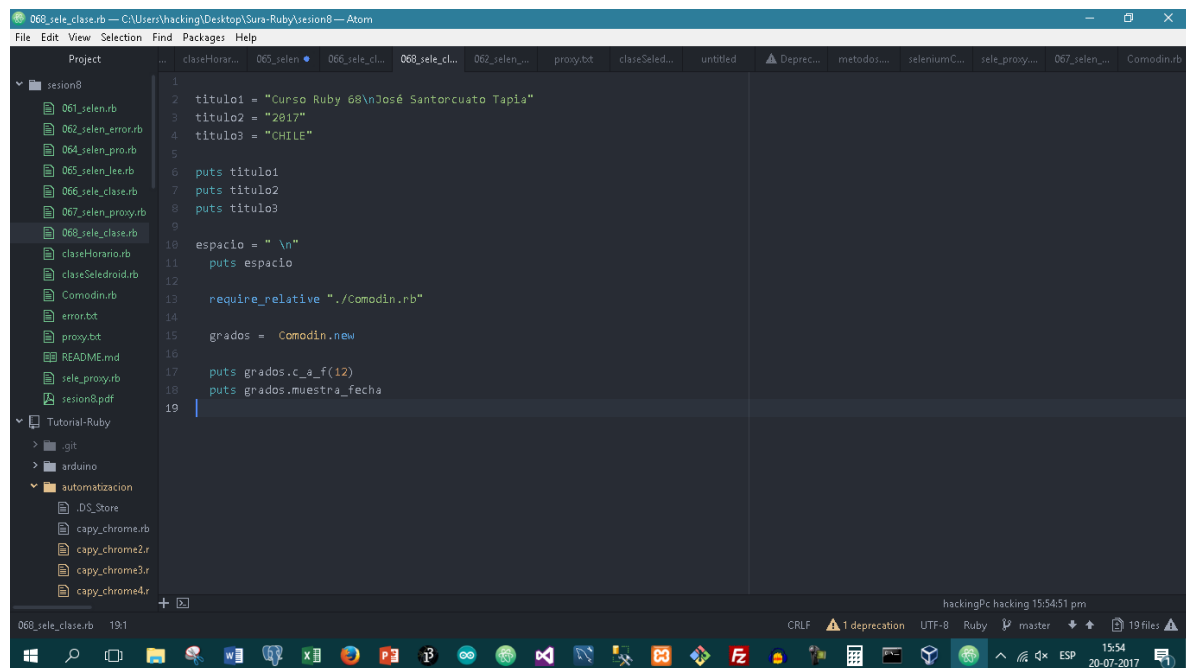

Clase e instanciación

Clase Comodin, me entrega la fecha y hora actual y me convierte °c a °f



```
1 class Comodin
2
3   def muestra_fecha
4     tiempo = Time.new
5     hora = tiempo.hour
6     minuto = tiempo.min
7     segundo = tiempo.sec
8     hora_completa = "#{hora}:#{minuto}:#{segundo}"
9     ano = tiempo.year
10    mes = tiempo.month
11    dia = tiempo.day
12    fecha_completa = "#{dia}/#{mes}/#{ano}"
13
14    return "Hora y fecha #{hora_completa} #{fecha_completa}"
15  end
16
17  def c_a_f(celsius)
18    conversion = ((celsius*9/5)+32)
19    return conversion
20  end
21
22  def guardo_txt(cadena)
23    conversion = ((celsius*9/5)+32)
24    return conversion
25  end
26
27 end
```

Utilización



```
1 titulo1 = "Curso Ruby 68\nJosé Santorcuato Tapia"
2 titulo2 = "2017"
3 titulo3 = "CHILE"
4
5 puts titulo1
6 puts titulo2
7 puts titulo3
8
9
10 espacio = " \n"
11 puts espacio
12
13 require_relative "../Comodin.rb"
14
15 grados = Comodin.new
16
17 puts grados.c_a_f(12)
18 puts grados.muestra_fecha
19
```