

Roll No. and Name: 21BCE021 Vani Balani

Course Code and Name: 2CSDE80 Software Testing & Quality Assurance

Practical No: 8

AIM : To demonstrate regression-based testing using Watir tool.

```
Command Prompt - gem inst  X + v
Microsoft Windows [Version 10.0.22631.4317]
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C:\Users\vanib>ruby -v
ruby 3.3.6 (2024-11-05 revision 75015d4c1f) [x64-mingw-ucrt]

C:\Users\vanib>gem install watir
Successfully installed websocket-1.2.11
RubyZip 3.0 is coming!
*****

The public API of some Rubyzip classes has been modernized to use named
parameters for optional arguments. Please check your usage of the
following classes:
* `Zip::File`
* `Zip::Entry`
* `Zip::InputStream`
* `Zip::OutputStream`

Please ensure that your Gemfiles and .gemspecs are suitably restrictive
to avoid an unexpected breakage when 3.0 is released (e.g. ~> 2.3.0).
See https://github.com/rubyzip/rubyzip for details. The Changelog also
lists other enhancements and bugfixes that have been implemented since
version 2.3.0.
Successfully installed rubyzip-2.3.2
Successfully installed selenium-webdriver-4.26.0
Successfully installed regexp_parser-2.9.2
Successfully installed watir-7.3.0
Parsing documentation for websocket-1.2.11
Installing ri documentation for websocket-1.2.11
Parsing documentation for rubyzip-2.3.2
Installing ri documentation for rubyzip-2.3.2
Parsing documentation for selenium-webdriver-4.26.0
Installing ri documentation for selenium-webdriver-4.26.0
Parsing documentation for regexp_parser-2.9.2
Installing ri documentation for regexp_parser-2.9.2
Parsing documentation for watir-7.3.0
Installing ri documentation for watir-7.3.0
Done installing documentation for websocket, rubyzip, selenium-webdriver, regexp_parser, watir after 32 seconds
5 gems installed
```

FileEditSelectionViewGoRunTerminalHelp

STQA

EXPLORER

STQA

- apache-jmeter-5.6.3
- Practical4
- Practical5
- Practical6
- 21BCE021_Practical2_...
- 21BCE021_Practical3_...
- 21BCE021_Practical4_...
- 21BCE021_Practical5_...
- Chapter 1 - Basic Con...
- Chapter 3 - Unit Testi...
- Chapter 4 - Control Fl...
- Chapter 5 - Data Flow...
- index.html
- milkshake.jpg
- pasta.jpg
- pizza.jpg
- Practical1_21BCE021.x...
- Practical3_TestPlan.doc
- Practical3_TestReport...
- Practical7.jmx
- styles.css
- watir.rb

watir.rb

- require 'watir'
-
- browser = Watir::Browser.new :edge
-
- browser.goto 'https://www.duckduckgo.com/'
-
- browser.text_field(id: 'search_form_input_homepage').set 'Watir testing tutorial'
-
- browser.button(id: 'search_button_homepage').click
- browser.driver.manage.timeouts.implicit_wait = 5
-
- if browser.text.include?('Watir')
- puts 'Test Passed: Watir found in the search results!'
- else
- puts 'Test Failed: Watir not found in the search results.'
- end
-
- browser.close

PROBLEMSOUTPUTDEBUG CONSOLETEST RESULTSTERMINALPORTSSEARCH ERROR

-a----

30-08-2024

14:17

2449 Practical3_TestPlan.doc

-a----

30-08-2024

14:16

3314 Practical3_TestReport.doc

-a----

05-11-2024

12:38

13078 Practical7.jmx

-a----

08-10-2024

12:48

1177 styles.css

-a----

12-11-2024

12:20

705 watir.rb

PS D:\7th_Semester\STQA> ruby watir.rb

DevTools listening on ws://127.0.0.1:52796/devtools/browser/150dcb62-acdf-41bf-a062-cc5ad75f424f

