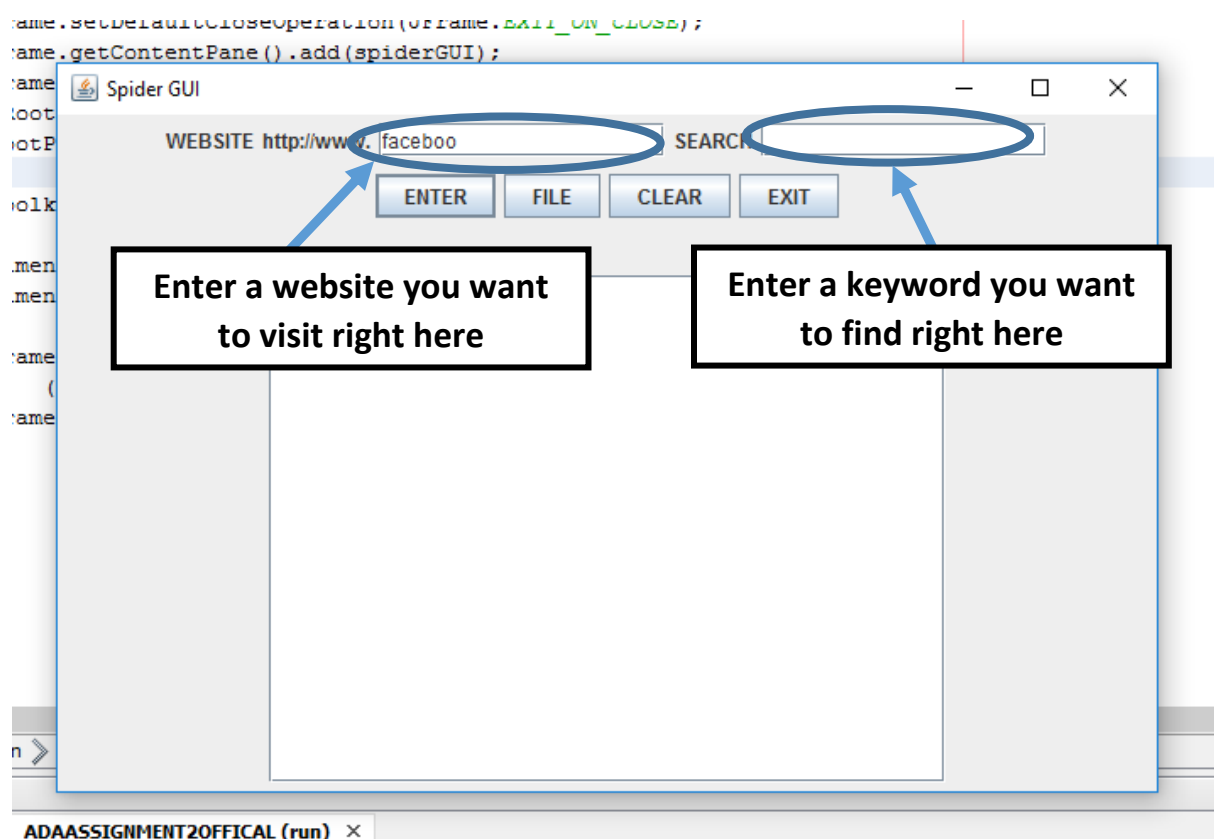
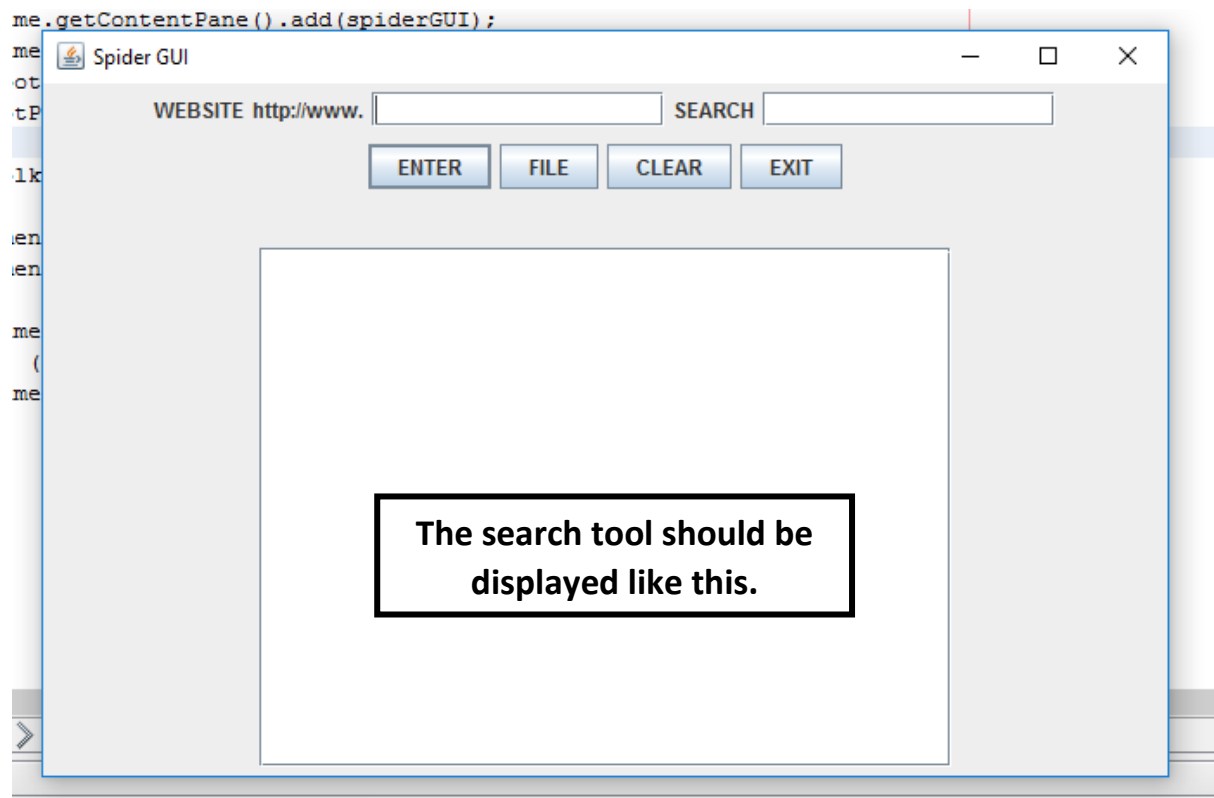


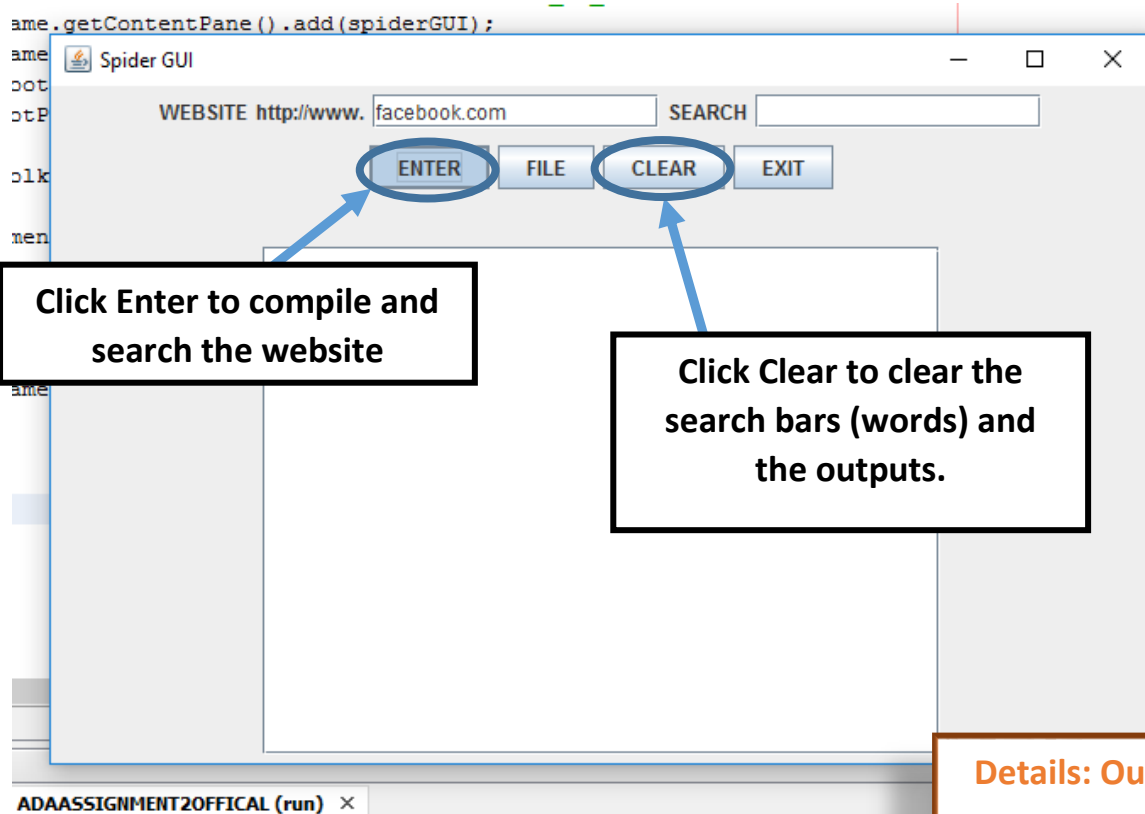
# ALGORITHM DESIGN AND ANALYSIS

## ASSIGNMENT TWO

### MANUAL

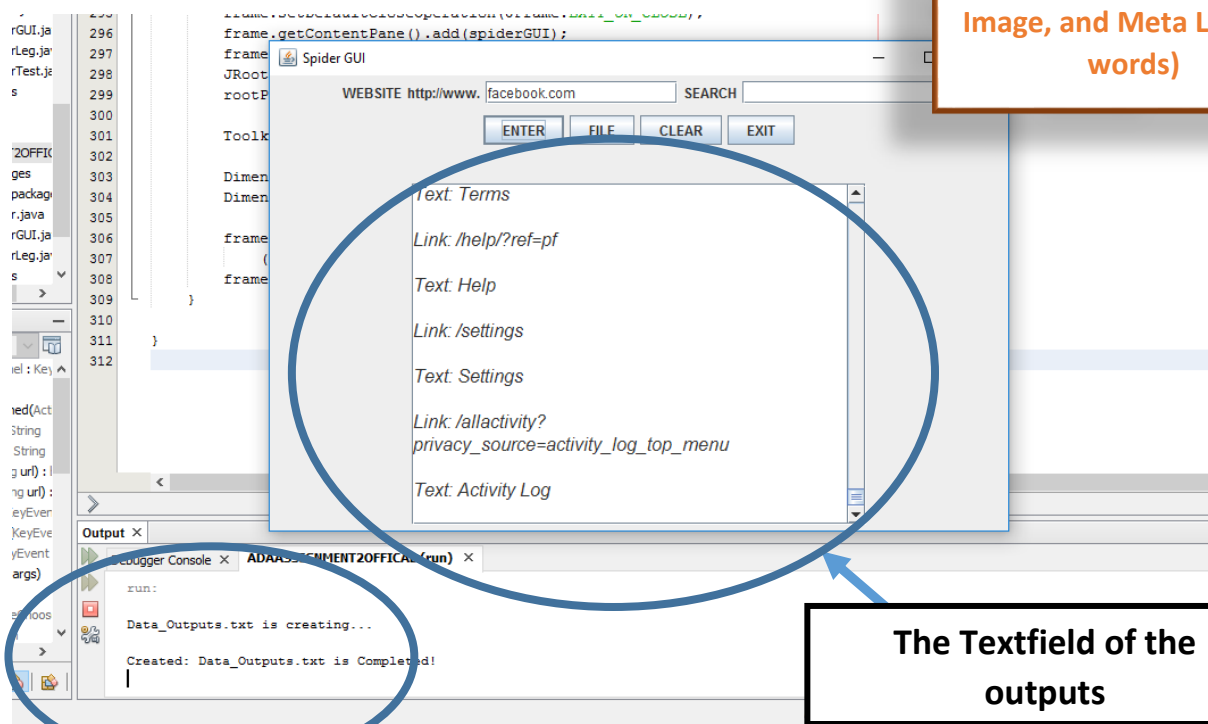
### GUIDES of the Search Tool





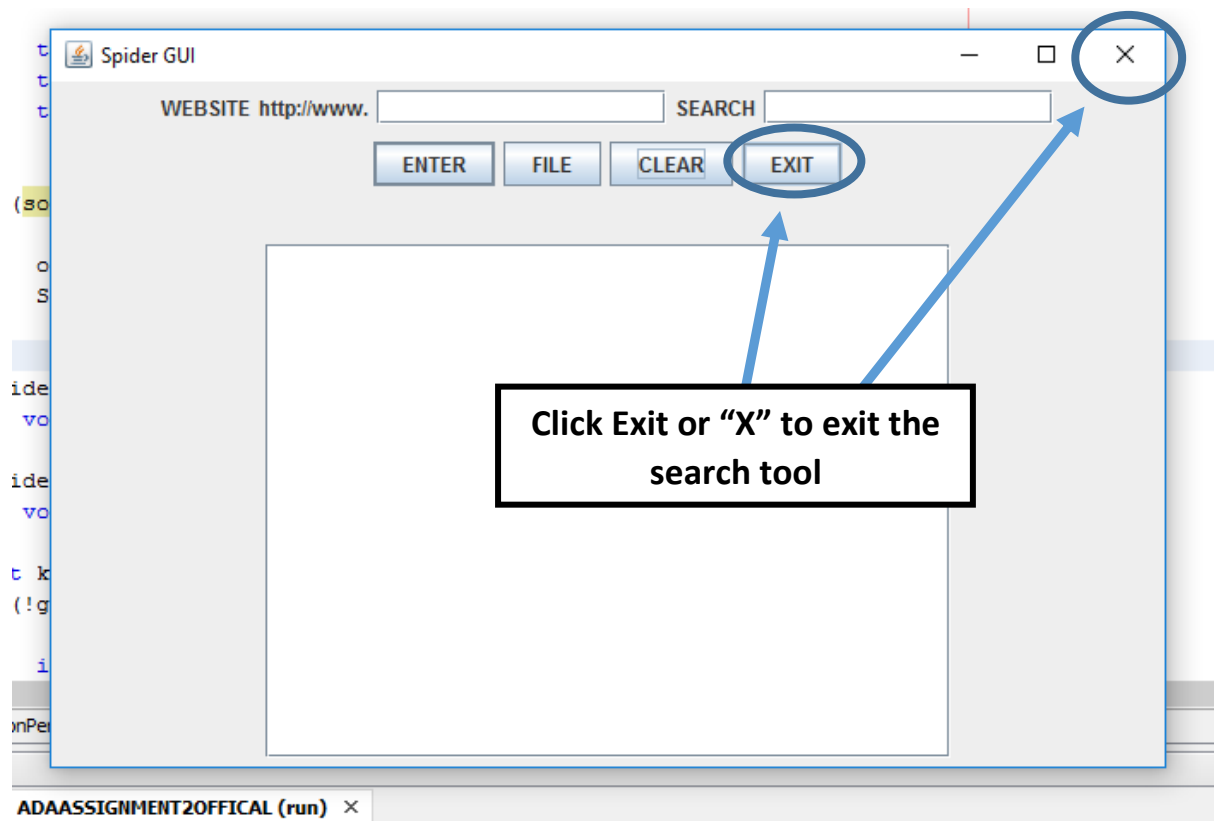
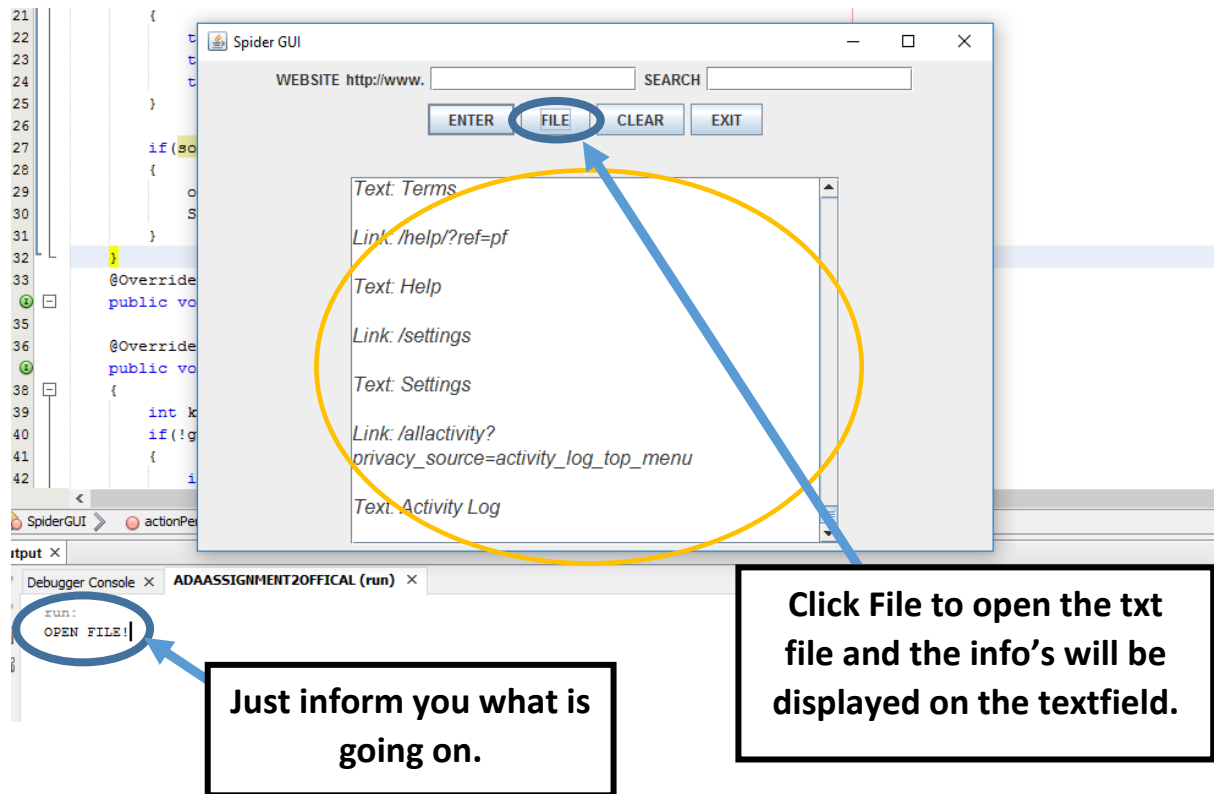
Details: Outputs of...

HTML's: Title, Hyperlink,  
Image, and Meta Links (in  
words)



The Textfield of the  
outputs

Just to inform you what is  
going on.



## **FAQs**

### ***The usability of the GUI Search Tool***

#### ***How to start to use the search tool?***

You may enter the website that what you look for but please exclude <http://www> as the tool will do it for you automatically, in the website bar (see label). Where it will create a txt file and collect data from HTMLs.

#### ***Have to enter a keyword in the Search bar?***

No, but if you want to search a keyword in the specific website, you could just enter a keyword.

#### ***How to exit the search tool?***

You could click either, click the “Exit” button or click the “X” close button at the top-right of the GUI.

#### ***Make mistakes by typing, what to do?***

You may press the Backspace on the keyboard or click the “Clear” button.

#### ***The empty textfield, what is happening to it?***

The textfield will be displayed the information from HTMLs, with the title, its Meta, images links and hyperlinks. (A website you pick and search)

#### ***Where will the data went to?***

To a file called HTML\_Data\_Outputs.txt, and the textfield of the GUI, where you can see all information from a HTML.

#### ***What if I make errors with entering the wrong website names?***

It is okay, the GUI will be working and the dialogs will be showed up and inform you what you have missed or errors you have made. You may enter the website again.

#### ***What if I left both bars blank empty/not enter anything and then can I still progress with searching the websites?***

No, it won't be compiled and progressing unless you enter a website, it does not matter if you do/don't enter a keyword to search for.

#### ***When I click the file button, no file or txt pop up and show the data...what is happened?***

It is already displayed in the textfield, which opens and reads the file then displayed them all on the textfield.