**Level 01: Basic Python**

Part 1: Give them an overview

* Login as anonymous - see slide
* Left-hand side code. Right-hand side output.

Part 2: Hello World

* print(“hello world”)

Explain that this is a code ritual. Most developers learning by writing the piece of code.

**Level 03: Basic Html**

Part 1: Give them an overview

* example.html

They can view example.html from <https://rebot.chat/example.html>

* Fork - make a copy
* Troubleshoot - make sure everyone can see this before moving on.

\*\* FYI:

* [repl.it](http://repl.it) blocks connections to external sites. That is why we cannot scrap directly from a real site.
* rebot.chat is on https, not http.

Part 2: Go through a 5-step explanation. Stick to “Containers” concept

|  |  |
| --- | --- |
| Step1: Import libraries  Common libraries developed for reusability to avoid code redundancy | import rebot |
| Step2: Document filename  eg. myreport.doc | filename = "example.html"  print(filename) |
| Step3: Extract the raw content from the document. ie. byte code | content = rebot.getContent(filename)  print(content) |
| Step4: Format the content into a readable HTML format that the code understands. | html = rebot.getHtml(content)  print(html) |
| Step5: Search data | data = html.search(“p”)  print(data) |

Part 3: Above will cover the basics for Level 03.

But that’s too easy, ask them to search for:

data = html.search(“span”)

print(data) # this is the wrong answer. they need to specify the class

data = html.search(“span”, “class”, “target”)

print(data)

Part 4: Explore inputs(). Depending on time, allow them to modify example.html and test their changes

print(“please enter a filename:”)

filename = input()

print(filename)