Lab 3 Questions

By Sandy Huang

**Question 1**: How do you inspect all environment variables in Python?

**To inspect all environment variables in python you can use “os.environ” to see all of python’s environment variables.**

**Question 2**: What environment variable contains the query parameter data?

**The environment variable “QUERY\_STRING” contains the query parameter data.**

**Question 3**: What environment variable contains information about the user’s browser?

**The environment variable “HTTP\_USER\_AGENT” provides the information about the user’s browser.**

**Question 4**: How does the POSTed data come to the CGI script?

**The “FieldStorage” class stores the data filled out in the username & password fields and then retrieves those values using the method “.getvalue()” in order to display the username and password posted on the CGI script.**

**Question 5**: What is the HTTP header syntax to set a cookie from the server?

**Question 6**: What is the HTTP header syntax the browser uses to send the cookie back?

**Question 7**: In your own words, what are cookies used for?

**Question 8**: What is the link to your code on GitHub?

<https://github.com/shearpaladin/cgi-lab>