**CSF 2113 Lab Using requests Library**

1. Write Python code to make a get request to the given web page, and print the response text.

<http://httpbin.org/ip>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page, and print the url from response object.

<http://httpbin.org/ip>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a request to the given web page, and print the status-code from response object.

<http://httpbin.org/ip>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page, and print the response headers from response object.

<http://httpbin.org/ip>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page, and print the elements of response headers using a loop from response object.

<http://httpbin.org/ip>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page, and print response text from response object.

<http://httpbin.org/headers>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

What is the value of the User-Agent?

|  |
| --- |
|  |

1. Write Python code to make a get request to the given web page, set the user agent value to IPhone 11. Print the response text from response object.

<http://httpbin.org/header>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page, set the user agent value to IPhone 11. Print the response text and url from response object.

<http://httpbin.org/get>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

1. Write Python code to make a get request to the given web page. Create the dictionary object as follow and pass it as an argument using the '*param*' keyword.



Print the response text and url from response object.

<http://httpbin.org/get>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

Observe the output of the Question 8 and 9 and write down the differences between the outputs. Compare and explain the differences.

|  |
| --- |
| Type you answer here |

1. Write Python code to make a **post** request to the given web page. Create the dictionary object as follow and pass it as an argument using the '*param*' keyword.



Print the response text and url from response object.

<http://httpbin.org/post>

|  |
| --- |
| Paste your code here |

|  |
| --- |
| Paste the screenshot of the code and output |

Observe the url in the output. Can you see the login name and password in the url?

What is the reason?

|  |
| --- |
| Type you answer here |

**End of Lab**