**CSF 2113 Lab Recourse Discovery**

Note: If you have not installed MAMP. Install and configured it as described in the MAMP installation activity.

1. Download, unzip and copy the folder Lab\_RD from BBlearn and past it in C:\MAMP\htdocs folder:

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1. Copy past the following URL in the browser to confirm the MAMP configuration. <http://localhost:8123/Lab_RD/page1.html>

Note: If you have used a different port number, above URL will not work. Replace the 8123 port number with the number you used.

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1. Write python code in the Juypter notebook and send a get request to the webpage and display the contents and status\_code.

<http://localhost:8123/Lab_RD/page1.html>

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| import requests  url = "http://localhost:8123/Lab\_RD/page1.html"  r = requests.get(url)  print(url, r.status\_code)  print(r.text) |

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1. Write python code in the Juypter notebook and send a get request to the webpage and display only the status\_code.

<http://localhost:8123/Lab_RD/page3.html>

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| import requests  url = "http://localhost:8123/Lab\_RD/page3.html"  r = requests.get(url)  print(url, r.status\_code) |

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| Paste screenshot of the code and output |

Answer the following questions:

* What is the difference in the status\_code of pag1 and pag3?

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* What does it mean to receive a status\_code of 200?

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* What does it mean to receive a status\_code of 404?

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* Whay are the status\_code different?

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1. Write python code in the Juypter notebook that store the following urls in a list send a get request to every webpage and display URL with the status\_code.

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| http://localhost:8123/Lab\_RD/page1.html  http://localhost:8123/Lab\_RD/page2.html  http://localhost:8123/Lab\_RD/page3.html  http://localhost:8123/Lab\_RD/page4.html  http://localhost:8123/Lab\_RD/page5.html  http://localhost:8123/Lab\_RD/page6.html  http://localhost:8123/Lab\_RD/page7.html  http://localhost:8123/Lab\_RD/page8.html  http://localhost:8123/Lab\_RD/page9.html  http://localhost:8123/Lab\_RD/page10.html |

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| Paste code here |

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| Paste screenshot of the code and output |

Answer the following questions:

* How many pages have status\_code of 200?

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* How many pages have status\_code of 404?

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* How many pages are present in the folder Lab\_RD?

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* List the URLs of the pages present in Lab\_RD

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1. Copy and paste the URLS given below in a text file and save it in your Juypter home directory.

Write python code in the Juypter notebook that read these URLs from the file and send a get request to every webpage to display URL with the status\_code.

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| http://localhost:8123/Lab\_RD/page1.html  http://localhost:8123/Lab\_RD/page2.html  http://localhost:8123/Lab\_RD/page3.html  http://localhost:8123/Lab\_RD/page4.html  http://localhost:8123/Lab\_RD/page5.html  http://localhost:8123/Lab\_RD/page6.html  http://localhost:8123/Lab\_RD/page7.html  http://localhost:8123/Lab\_RD/page8.html  http://localhost:8123/Lab\_RD/page9.html  http://localhost:8123/Lab\_RD/page10.html |

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| Paste code here |

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| Paste screenshot of the code and output |

**End of Lab**