**CSF 2113 Lab Pen testing**

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

url = <https://httpbin.org/basic-auth/admin/admin123>

login = "mabdalla"

password = "Srtb@24e"

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| import requests  url = "https://httpbin.org/basic-auth/admin/admin123"  login = "mabdalla"  password = "Srtb@24e"  cred = (login,password)  #print(cred)  r = requests.get(url, auth= cred)  print(cred,"\t",r.status\_code) |

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

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

url = <https://httpbin.org/basic-auth/admin/admin123>

login = "admin"

password = "admin321"

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| Paste the code |

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| Paste the screenshot of the code and output |

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

url = <https://httpbin.org/basic-auth/admin/admin123>

login = "admin"

password = "admin123"

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| Paste the code |

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

Answer the following questions:

* What is the difference in the status\_code for Q1, Q2 and Q3?

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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 401?

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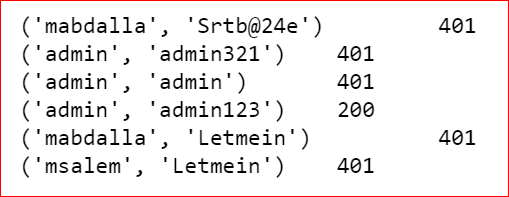
* What is the password of user with login “admin”?

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1. Write python code in the Juypter notebook that store the following login and password combination in list of tuples and send a get request with basic authentication to the following URL and display the status\_code.

url = <https://httpbin.org/basic-auth/admin/admin123>

Expected output:



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| --- |
| mabdalla,Srtb@24e  admin,admin321  admin,admin  admin,admin123  mabdalla,Letmein  msalem","Letmein |

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| --- |
| Paste the code |

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

Answer the following questions:

* How many combination of login and password have status-code of 200?

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* How many combination of login and password have status-code of 401?

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* How many combination of login and password are successful?

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1. Download the test file **pentestdata.txt** containg the combination of login and password information. Read the data from file and send a get request with basic authentication to the following URL and display the status\_code.

url = <https://httpbin.org/basic-auth/admin/admin123>

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| --- |
| Paste the code |

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

1. Copy and Past the url used in above question and try to login using the successful login and password information. Take the screenshot of the successful login and paste it in the answer section.

url = <https://httpbin.org/basic-auth/admin/admin123>

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**End of Lab**