* **Question 1**

10 out of 10 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What is an external library potential containing? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  a collection of packages and modules | | Answers: | modules | |  | packages | |  | Correct  a collection of packages and modules | |  | function definitions | |  |  |  |

* **Question 2**

0 out of 10 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What does this code do?  import requests from bs4 import BeautifulSoup  def main():     html=requests.get("http://www.bigrigg.net").text     soup = BeautifulSoup(html, 'html.parser')     print(soup.prettify()) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  Web scrapes the website www.bigrigg.net, stores the requests object and uses BeautifulSoup to print the source code scraped in a readable format to the monitor. | | Answers: | Web scrapes the text found on the website www.bigrigg.net, stores the requests object and uses BeautifulSoup to print the source code scraped in a readable format to the monitor. | |  | Web scrapes the website www.bigrigg.net, stores the requests object and uses BeautifulSoup to print the source code scraped in a readable format to the monitor. | |  | Invalid code | |  | Correct  Web scrapes the website www.bigrigg.net, stores the text of the requests object in a String, uses BeautifulSoup (along with a parser) to create a soup object, and prints the source code scraped in a readable format to the monitor. | |  |  |  |

* **Question 3**

10 out of 10 points

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|  |  | | | |
|  | You install BeautifulSoup by via:  install pip |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Answers: | True | |  | Correct False | |  |  |  |

* **Question 4**

0 out of 10 points

|  |  |  |  |  |
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|  |  | | | |
|  | What does pip do? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  a package management system that installs Python packages | | Answers: | a package management system that manages Python packages | |  | Correct  a package management system that installs and manages Python packages | |  | a software system that installs Python | |  | a package management system that installs Python packages | |  |  |  |

* **Question 5**

10 out of 10 points

|  |  |  |  |  |
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|  |  | | | |
|  | What does the following code do?  r = requests.get('https://api.github.com/events') |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  scrapes the website, pulling all the source code of the website into a requests object | | Answers: | scrapes the website, pulling all the text displayed on the website into a requests object | |  | none of the answers apply | |  | Correct  scrapes the website, pulling all the source code of the website into a requests object | |  | scrapes the website, pulling all the source code of the website into a requests string | |  |  |  |

* **Question 6**

10 out of 10 points

|  |  |  |  |  |
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|  |  | | | |
|  | What is a package? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  a collection of modules | | Answers: | a collection of classes | |  | a collection of functions | |  | Correct  a collection of modules | |  | a collection of libraries | |  |  |  |

* **Question 7**

10 out of 10 points

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|  |  | | | |
|  | What is this code missing in order for it to be complete?  import sqlite3 connection = sqlite3.connect("roster.db")  cursor = connection.cursor()  sql\_command = """INSERT INTO employee (staff\_number, fname, lname, gender, birth\_date) VALUES (NULL, "William", "Shakespeare", "m", "1961-10-25");"""  cursor.execute(sql\_command) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  commit and close | | Answers: | cursor close | |  | Correct  commit and close | |  | close | |  | commit | |  |  |  |

* **Question 8**

10 out of 10 points

|  |  |  |  |  |
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|  |  | | | |
|  | Which of the following are valid import statements? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  import my\_module  from my\_package import myFunction  import my\_package.myFunction | | Answers: | from my\_package import myFunction  import my\_package.myFunction | |  | Correct  import my\_module  from my\_package import myFunction  import my\_package.myFunction | |  | import my\_module  import from my\_package import myFunction  import my\_package.myFunction | |  | import my\_module  import my\_package.myFunction | |  |  |  |

* **Question 9**

10 out of 10 points

|  |  |  |  |  |
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|  | In the following code, how to you access the items in the PANDAS series?  s = pd.Series([7, 'Heisenberg', 3.14, -1789710578, 'Happy Eating!']) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  by index | | Answers: | by value | |  | none of the answers apply | |  | Correct  by index | |  | by key | |  |  |  |

* **Question 10**

10 out of 10 points

|  |  |  |  |  |
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|  |  | | | |
|  | What does this source code do?  words = nltk.tokenize.word\_tokenize(p) fdist = FreqDist(words) |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  it tokenizes the text and then counts the frequency of each token | | Answers: | none of the answers apply | |  | it counts the frequency of each token | |  | Correct  it tokenizes the text and then counts the frequency of each token | |  | it tokenizes the text, sorts the tokens and then counts the frequency of each token | |  |  |  |