* Recap of Python Modules
* Overview of 3rd Party Libraries
* Reviewing 3rd Party Libraries using pypi.org
* Getting started with pip
* Install individual libraries using pip
* Upgrade individual libraries
* Delete individual libraries
* Install libraries using specific versions
* Using requirements file

1. How can you import a module in Python?

a) import modulename

b) from modulename import \*

c) Both a and b

d) None of the above

Answer: c) Both a and b

1. Why are 3rd party libraries useful in Python?

a) They allow developers to use pre-existing code rather than writing their own

b) They provide additional functionality that is not available in the Python standard library

c) They can save time and effort in software development

d) All of the above

Answer: d) All of the above

1. What is pypi.org?

a) A Python package manager

b) A website that hosts 3rd party Python libraries

c) A Python IDE

d) None of the above

Answer: b) A website that hosts 3rd party Python libraries

1. How can you search for a specific library on pypi.org?

a) Use the search bar on the website

b) Browse through the categories listed on the website

c) Both a and b

d) None of the above

Answer: c) Both a and b

1. How can you check if pip is installed on your system?

a) Open a command prompt/terminal and type 'pip'

b) Open a Python interpreter and type 'pip'

c) Both a and b

d) None of the above

Answer: a) Open a command prompt/terminal and type 'pip'

1. What is the command to install a library using pip?

a) pip install libraryname

b) python install libraryname

c) pip install python library libraryname

d) None of the above

Answer: a) pip install libraryname

1. How can you upgrade all installed libraries using pip?

a) pip upgrade-all

b) pip update-all

c) pip install --upgrade-all

d) None of the above

Answer: d) None of the above

1. What is the command to uninstall a library using pip?

a) pip remove libraryname

b) pip delete libraryname

c) pip uninstall libraryname

d) None of the above

Answer: c) pip uninstall libraryname

1. How can you specify a range of versions to install using pip?

a) pip install libraryname >=1.2.3,<=2.0.0

b) pip install libraryname 1.2.3-2.0.0

c) pip install libraryname ~1.2.3-2.0.0

d) None of the above

Answer: a) pip install libraryname >=1.2.3,<=2.0.0

1. What is the command to create a requirements file?

a) pip freeze > requirements.txt

b) pip list > requirements.txt

c) pip create requirements.txt

d) None of the above

Answer: a) pip freeze > requirements.txt