

✔ **Congratulations! You passed!**

Grade received **100%** To pass 80% or higher

Go to next item

1. How can command-line interfaces help with automation?

1 / 1 point

- ☐ By providing a graphical user interface
- ☐ By requiring manual work
- ☒ By allowing scripting repetitive tasks
- ☐ By only working on Windows

✔ **Correct**
Correct. CLIs enable automating repetitive tasks through scripting.

2. What does the Click library offer for building CLIs?

1 / 1 point

- ☒ Decorators to simplify implementation
- ☐ Pre-made executable files
- ☐ A graphical user interface
- ☐ Automatic argument parsing

✔ **Correct**
Correct. Click utilizes Python decorators to reduce CLI code complexity.

3. How are dependencies defined in a setuptools project?

1 / 1 point

- ☐ In README files
- ☐ As CLI arguments
- ☒ In install_requires
- ☐ With graphical installers

✔ **Correct**
Correct. Setuptools uses an install_requires list to define dependencies.

4. What does sys.argv contain in a Python script?

1 / 1 point

- ☒ Command line arguments
- ☐ Environment variables
- ☐ The Python version
- ☐ The script's return code

✔ **Correct**
Correct. sys.argv stores command line arguments as strings.

5. How are entry points used in Python packaging?

1 / 1 point

- ☐ To make scripts executable
- ☒ To link scripts to project code
- ☐ To automatically parse arguments
- ☐ To handle virtual environments

✔ **Correct**
Correct. Entry points define links between command names and functions.