

5. ****Modules and Libraries****:

- Python has a vast standard library, providing numerous pre-built modules and functions for common tasks.
- External libraries can be installed using package managers like pip.

6. ****File Handling****:

- Python can read from and write to files easily using built-in functions.

7. ****Exception Handling****:

- Errors can be handled using try, except, else, and finally blocks.

8. ****Object-Oriented Programming (OOP)****:

- Python supports OOP principles, including classes, objects, inheritance, and polymorphism.

9. ****List Comprehensions****:

- A concise way to create lists based on existing lists or other iterable objects.

10. ****Lambda Functions****:

- Anonymous functions defined using the lambda keyword.

11. ****Packages and Modules****:

- Python code can be organized into modules and packages, promoting code reusability.

12. ****Virtual Environments****:

- Allows isolating Python environments to manage project dependencies effectively.

13. ****Input and Output****:

- Input can be taken from the user using "input()" function, and output can be displayed using "print()" function.

14. ****Documentation****:

- Python code is often documented using docstrings to provide useful information for developers.

Preview from Notesale.co.uk
Page 3 of 4