5. What is a Python module, and how do we import it? answer: A Python module is a file that contains Python code, usually with a specific functionality or purpose. Modules can be imported into other Python scripts to use their functions, variables, and classes. To import a module in Python, we can use the import statement followed by the name of the module. For example, to import the math module, you can use: import math You can then use the functions and constants provided by the math module in your code, like so: x = math.sqrt(25) print(x)

6. What is a Python package, and how do we install it? answer: A Python package is a collection of modules that can be used for a specific purpose, like data analysis or web development. Packages are usually installed using the pip package manager, which is included with Python. To install a package using pip, you can use the following command in the terminal or command prompt: pip install package-name For example, to install the numpy package, you can use: pip install numpy Once installed, you can import the modules provided by the package into your Python code using the import statement, like any other module.

Swap two no without 3rd member

A lambda function in Python is a small, anonymous function that can have any number of arguments, but can only have one expression.

1. What is the difference between \*args and \*\*kwargs in Python functions? Answer: \*args is used to pass a variable number of non-keyworded arguments to a function, while \*\*kwargs is used to pass a variable number of keyworded arguments to a function.

Write program from lcm and gcd

Convert binary to deci or others

Write a Python program to remove all whitespace from a string. Answer: def remove\_whitespace(string): return "".join(string.split())