

File-1

Assignment 1

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Batch: - Batch DS2405

Answers Sheet

- 1) The provided code snippet defines a recursive function named "func" that calculates the greatest common divisor (GCD) of two integers using the Euclidean algorithm.

The answer is C (15).

- 2) The provided code creates a tuple named numbers containing some integer values with the lambda function even.

The answer is B (filter).

- 3) When you use *args in a function definition in Python is called a tuple.

The answer is A (tuple).

- 4) We can only solve this with the help of the union function.

The answer is D (error).

- 5) The answer is A (raise).

- 6) The Answer is C (datetime).

- 7) The answer is C (208).

- 8) The answer is D (None of the above).

- 9) The answer is B (Immutable).

- 10) The answer is A (range()).

- 11) The answer is C (Lambda Function).

- 12) The answer is C.

- 13) The answer is (D) None of the mentioned above.

- 14) The method used to unpick data from a binary file in Python is A (load()).

- 15) The answer is (D) All of the above.

- 16) The correct answer is d) both a and b

- 17) The answer is (D), captains={}

- 18) The answer is option B.

- 19) The correct answer is b) for ship, captain in captains.items(): print(f"The {ship} is captained by {captain}.")

- 20) The correct answer is c) del captains["Discovery"]