Q1. Which two operator overloading methods can you use in your classes to support iteration?

The (+) \_add\_ method and \_next\_\_ method returns the next value and is implicitly called at each loop increment

Q2. In what contexts do the two operator overloading methods manage printing?

It evaluates the requirement and prints their product.

Q3. In a class, how do you intercept slice operations?

\_getitem\_ is the method used to intercept slice operations.

Q4. In a class, how do you capture in-place addition?

iadd(), a+=b operation for string and tuples.

Q5. When is it appropriate to use operator overloading?

Operator overloading is mostly useful when we are making a new class that falls into an existing "Abstract Base Class".