ADVANCE ASSIGNMENT -4

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

Ans1- \_\_iter\_\_ and \_\_next\_\_.

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

Ans2- \_\_str\_\_ and \_\_repr\_\_ methods are used for managing printing.

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

Ans3- Intercept slice operations using the \_\_getitem\_\_ method with appropriate handling of slicing indices.

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

Ans4- Capture in-place addition using the \_\_iadd\_\_ method.

Q5. When is it appropriate to use operator overloading?

Ans5- It is appropriate to use operator overloading when you want to define custom behavior for operators in your class, making instances of your class behave naturally with those operators.