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

Range

Addition

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

In list and in single numerical number

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

We use following code for slicing in class:

1. \_\_setslice\_\_
2. \_\_getslice\_\_

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

We will capture by checking if the result is stored in the variable itself or if its stored in any new variable.

Q5. When is it appropriate to use operator overloading?

When we need to have perform different functions with same operator, we use operator overloading. Eg: “+”, we can use this for string concatenation and for addition.