1. Which two operator overloading methods can you use in your classes to support iteration?
Ans:
 iter : returns the iterator object, it is called at the start of the loop in the class next : returns the incremented value, called at each loop increment
 In what contexts do the two operator overloading methods manage printing? Ans:str andrepr are two operator overloading methods that manage printing. _repr is unambiguous, is used to print official string representation of an object _str is readable, it is called by default whenever an object is referenced for printing internally
3. In a class, how do you intercept slice operations? Ans: In a class use of slice() ingetitem method is used for intercept slice operation. This slice method is provided with start integer number, stop integer number and step integer number. Example:getitem(slice(start,stop,step))
 4. In a class, how do you capture in-place addition? Ans: a+=b is inplace addition operation, it stores the value of addition in itself. In a classiadd method is used for this in-place operation.
5. When is it appropriate to use operator overloading?Ans: Operator overloading is used when we want to use an operator other than its normal

operation to have different meaning according to the context required in the user defined

function.