*Python Slicing Basics Study Sheet Last Update 1 Aug ‘23*

What can slices be used on?

Slicing Syntax: my\_list[x:y:z]

What are x, y, and z?

What do x, y, and z default to if left blank?

*Consider my\_list = [‘a’, ‘b’, ‘c’, ‘d’, ‘e’]*

What are the results of the following?

my\_list[1:4]

my\_list[3:]

my\_list[:2]

my\_list[:2] + my\_list[2:]

my\_list[-3:-1]

my\_list[-3:]

my\_list[:-3]

my\_list[::-1]

my\_list[::2]

*Consider my\_list = [‘a’, ‘b’, ‘c’, ‘d’, ‘e’]*

What are the results of the following?

my\_list[3::-1]

my\_list[:3:-1]

my\_list[-3::-1]

my\_list[:-3:-1]

*write code to:*

take a slice from 2th to 4th index, inclusive, moving backwards:

take a slice from the second to first index to the second to last index, inclusive, moving backwards: