Consider the code presented below. We have two classes called SingleValue and ManyValues. SingleValue stores just one numeric value, but ManyValues can store either numeric values or SingleValue objects.

You are asked to give both SingleValue and ManyValues a property member called sum that returns a sum of all the values that the object contains. Please ensure that there is only a *single* method that realizes the property sum, not multiple methods.

Here is a sample unit test:

class FirstTestSuite(unittest.TestCase):

def test(self):

single\_value = SingleValue(11)

other\_values = ManyValues()

other\_values.append(22)

other\_values.append(33)

# make a list of all values

all\_values = ManyValues()

all\_values.append(single\_value)

all\_values.append(other\_values)

self.assertEqual(all\_values.sum, 66)