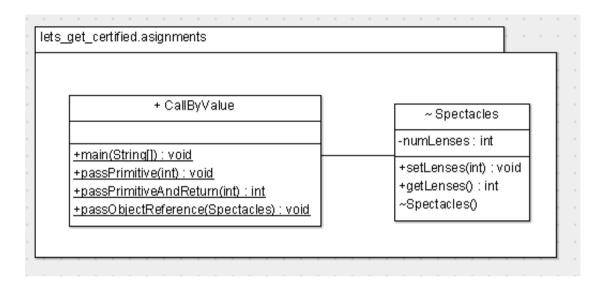
CallByValue exercise



1. Passing primitives:

- a. *passPrimitive()* method:
 - i. set the parameter passed in to 50
- b. *passPrimitiveAndReturn()* method:
 - i. set the parameter passed in to 50 and return it
- c. in *main()*:
 - i. declare a local *int* variable 'x' and initialise it to 10
 - ii. output x
 - iii. invoke *passPrimitive()* passing down x
 - iv. output x note how it's value **has NOT** changed
 - v. invoke *passPrimitiveAndReturn()* passing down *x*. Assign the return of the method call into *x* i.e. overwrite *x* with the return value.
 - vi. output x note how it's value **has** changed

2. Passing object references:

- a. code the Spectacles class as per the UML
 - i. the constructor sets the instance variable to 2
 - ii. the 'set' and 'get' methods operate as expected i.e. change and retrieve the instance variable respectively.
- b. *passObjectReference()* method:
 - i. using the reference passed in, invoke *setLenses*(1)
- c. in *main()*:
 - i. create an instance of *Spectacles*, refer to it using a reference named 'specs'
 - ii. output the number of lenses using specs
 - iii. invoke passObjectReference(), passing down specs
 - iv. output the number of lenses using specs note how it's value has changed