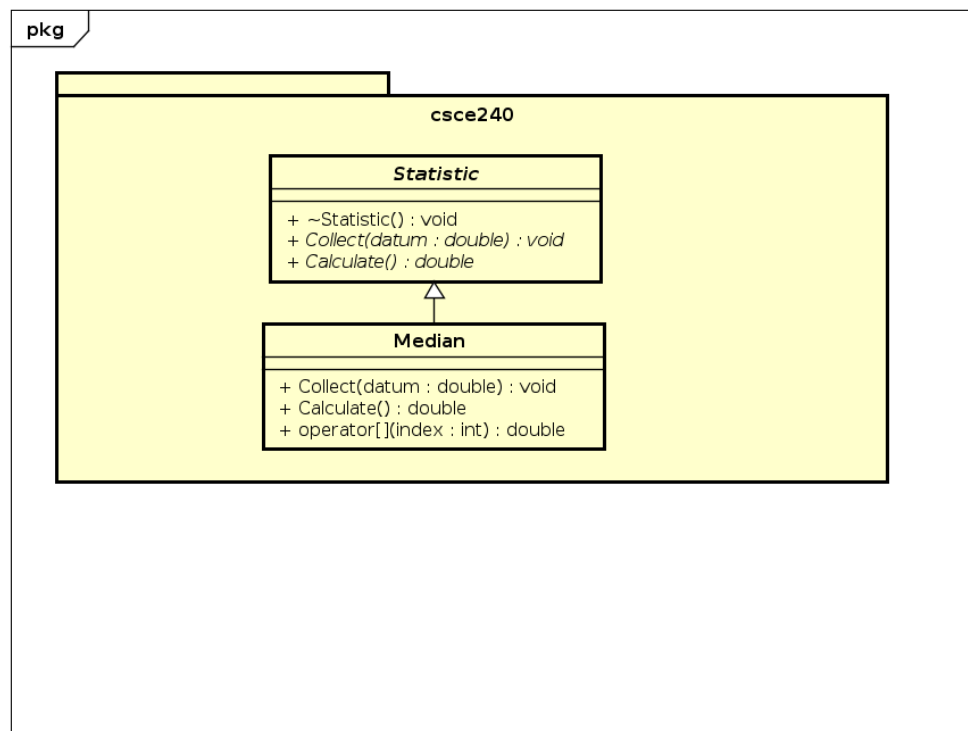


You must submit a zipped, **and only zipped**, archive of your homework directory, hw5. The directory must contain, at a minimum, the files and directories

- hw5/inc/median.h,
- hw5/src/median.cc,

Name the archive submission file hw5.zip

I will use my own makefile to compile and link to your submission files. You must submit these five files.



This assignment tests your ability to create and implement a class hierarchy and design polymorphic classes using virtual methods.

Read the provided header file documentation for instructions on method behavior. In addition to documentation, I provide several tests which will link to your classes and provide basic illustration of class functionality.

I have provided you a set of test apps which you may use to ensure that your code is, at least partially, correct. **I would suggest a more rigorous testing scheme, especially testing your assignment operator.** If you would like some guidance here, ask me in class.

You need not (should not) modify hw5/inc/statistic.h. It is pure interface.

Late assignments may be considered.

The point allocation is as follows:

- Style: 1.0 points
- Compilation of `bin/median.o`: 0.5 points.
- Build of `test-median-collect`: 0.25 points.
- Correct behavior of `Median::Collect`: 1 points.
- Build of `test-median-calculate`: 0.25 points.
- Correct behavior of `Median::Calculate`: 2 points.