

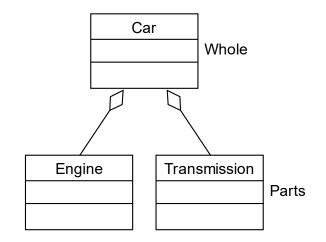
## AGGREGATION

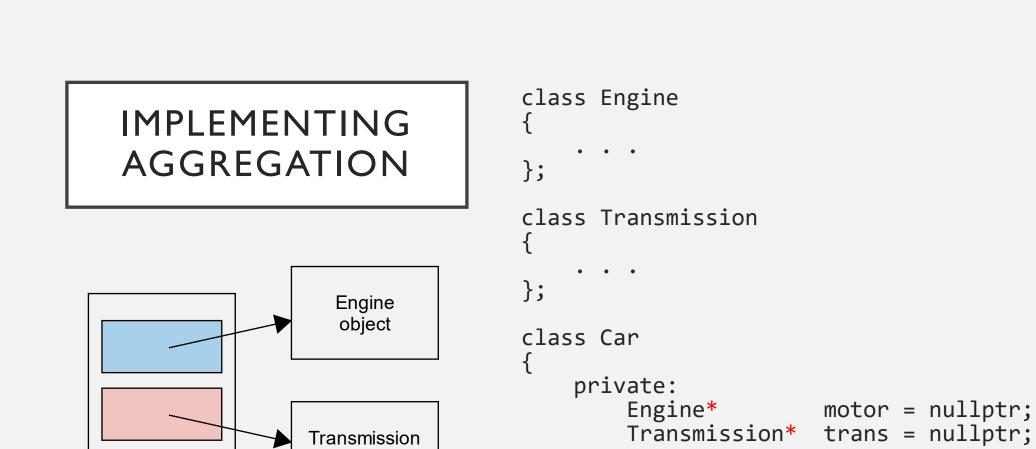
Pointer member variables

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## AGGREGATION CHARACTERISTICS

- Parts are bound weakly or loosely to the whole object with pointers
- Parts and the whole may be created and destroyed at different times, so they have independent lifetimes
- Parts can be changed or replaced whenever it is convenient
- The parts may be shared with other objects in the program, making ownership of the part an important issue
- Parts are implemented as pointer member variables in the whole class





object

Car object

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};