

pseduo-"UML" for **babylist** class (last revised 3-24-05)

**Class: babylist**

/\* a very simple linear collection of items that can have items added at the end, sorted, and printed with newlines separating the babylist elements \*/

**Member data and related details:**

/\* contains elements of type **value\_type**; **value\_type** must support the <= operation and << \*/

**Constructors:**

/\* postcondition: creates an empty **babylist** instance \*/

**babylist( );**

**Accessors and other constant member functions:**

/\* postcondition: returns **true** if babylist is empty, and returns **false** otherwise \*/

**bool is\_empty( ) const;**

/\* precondition: value\_type can behave when used with cout! \*/

/\* postcondition: prints to standard output each element currently within the babylist, with a newline following each element. \*/

**void print\_guts( ) const;**

**Modifiers and other modifying member functions:**

/\* postcondition: a new copy of **entry** has been added to the end of the babylist \*/

**void add(const value\_type& entry);**

/\* postcondition: the elements with the babylist are now sorted in ascending order (according to value\_type's <= operator) \*/

**void sort( );**