

/* (1) Type T must be able to compare elements , as in have "<,>,<=,>=,==" implemented the write way.

* also if printing is requested, T must have an implementation of "<<(ostream)"

* in order to have an output;

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* (2) Using a non-Const Iterator that it's operator * returns a reference of T, might lead

* to changes in the sortings of the sorted list which is unwanted!

* this may lead to also the ability to delete elements, where iterators that

* point to it may point to Null now and that could cause errors!

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* (3) Filter here is a function that receives a function variable (Predict),

* say it receives a function Dividable_by_p which returns a boolean, true if dividable

* and false otherwise. loop through the elements of sortedList , send them to

* the received function and which ever returns true is added to new list.

* when all is done, we return the new list which is sorted and all elements

* are dividable by p

*/