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Templatize the safe array class

Modify the safearray class that we worked on (code on the class web page under "handouts") so that the following code works:

main(){ . . .

int a[10]={9,8,7,6,5,4,3,7,1,0};

float x[4]={55.7,9.6,11.4,100,7};

…

SA<int> m(a,10); // initialize a safearray with a "normal" array,

cout<<m; print the values of SA m down a column

sort<int>(m); // sort safearray m;

cout<<m; print the values of SA m down a column

SA<float> s(x, 4); // initialize a safearray with a "normal" array,

cout<<x; print the values of SA m down a column

sort<float>(x); // sort safearray m;

cout<<m; print the values of SA m down a column

…

}

Note: You need to;

- Templatize the SA class
- Add the new constructor and
- Write the sort function so that it work properly