Hurricane Project – Array Basic Statistics and Sorts Early Peer Review

Name	Total/25
Date Period	
Assessor	Date signed off as being completely correct
Hurricane Class	
Comments include name, date, and Instance variables – declared to be Constructor with correct parameter getName, getPressure, getS determineCategory toString – uses String.form compareYearTo, compareNar compareCategoryTo (each are	meTo, comparePressureTo, compareSpeedTo, e one-line methods) oc is correctly done for all methods and constructors. These include:
Instance variables – array of hurric findMaxPressure without sort findMaxWindspeed without sort findMinPressure without sort findMinWindSpeed without sort calculateAveragePressure calculateAverageWindSpeed calculateAverageCategory sortYears – selection sort that sortNames – insertion sortNam	I summary using Javadoc and uses correct grammar. cane objects ting first orting first ting first orting fir

- Summary is clear, concise and useful to a client of the class.
- @param, if appropriate (if the parameter is an index, the comment states if index is included or excluded)
- @return, if appropriate

Hurricane Testing

	Test	
Test the	sorts in the following order:	
•	Sort names (ascending)	
•	Sort categories (descending)	
•	Sort years (ascending)	
Test ave	erages:	
•	Wind 90.86	
•	Pressure 961.76	
•	Category 2.012 (this varies a bit)	
Test minimums and maximums:		
•	Speed min 65 max 150	
•	Pressure min 882 max 1002	