

Reason For Test Case	Input Values	Expected Output	OK
-normal GPA data. - tests limits of if statements : 4.00 and 0.00 - has $\geq 3.5$ and $< 2.0$	1.44 4.00 3.11 2.80 0.50 0.00 2.00 1.12 3.50 3.45	<pre> *--&lt; Stud Exam Report &gt;--* ~ Sorted GPA Low  to High ~ 0.00 0.50 1.12 1.44 2.00 2.80 3.11 3.45 3.50 4.00 &lt;- end -&gt;  ~ Sorted GPA High to Low ~ 4.00 3.50 3.45 3.11 2.80 2.00 1.44 1.12 0.50 0.00 &lt;- end -&gt;  ~ Student with GPA <math>\geq 3.50</math> ~ 3.50 4.00 &lt;- end -&gt;  ~ Student with GPA <math>&lt; 2.00</math> ~ 0.00 0.50 1.12 1.44 &lt;- end -&gt;  ~MAX GPA: 4.00 ~MIN  GPA: 0.00 ~Mean of GPA: 2.19  ***&lt; end &gt;*** </pre>	
-No $\geq 3.5$ Also tests if statements peaks.	2.00 0.00 1.23 1.45 1.67 1.89 2.75 3.00 3.49 2.55	<pre> *--&lt; Stud Exam Report &gt;--* ~ Sorted GPA Low  to High ~ 0.00 1.23 1.45 1.67 1.89 2.00 2.55 2.75 3.00 3.49 &lt;- end -&gt;  ~ Sorted GPA High to Low ~ 3.49 </pre>	

		<div>3.00 2.75 2.55 2.00 1.89 1.67 1.45 1.23 0.00 &lt;- end -&gt;  ~ Can't Find Students with GPA &gt;= 3.50 !! ~ Student with GPA &lt; 2.00 ~ 0.00 1.23 1.45 1.67 1.89 &lt;- end -&gt; ~MAX GPA: 3.49 ~MIN GPA: 0.00 ~Mean of GPA: 2.00 ***&lt; end &gt;***</div>	
<div>-No &lt; 2.0 Also tests if statements peaks.</div>	<div>2.00 2.50 4.00 3.55 3.45 3.00 3.89 2.01 2.34 3.67</div>	<div>*--&lt; Stud Exam Report &gt;--* ~ Sorted GPA Low to High ~ 2.00 2.01 2.34 2.50 3.00 3.45 3.55 3.67 3.89 4.00 &lt;- end -&gt; ~ Sorted GPA High to Low ~ 4.00 3.89 3.67 3.55 3.45 3.00 2.50 2.34 2.01 2.00 &lt;- end -&gt;  ~ Student with GPA &gt;= 3.50 ~ 3.55 3.67 3.89 4.00 &lt;- end -&gt;  ~ Can't Find Students with GPA &lt; 2.00 !! ~MAX GPA: 4.00 ~MIN GPA: 2.00 ~Mean of GPA: 3.04 ***&lt; end &gt;***</div>	