

Aufgaben zur Wetterdatenbank

#	Aufgabe	Gewünschte Ausgabe																																																																																																																																																																					
1.	Zeige alle Attribute aller Wetterstationen nach Höhe absteigend sortiert.	<table border="1"> <thead> <tr> <th>#</th> <th>s_id</th> <th>standort</th> <th>geo_breite</th> <th>geo_laenge</th> <th>hoehe</th> <th>betreiber</th> </tr> </thead> <tbody> <tr><td>1</td><td>5792</td><td>zugspitze</td><td>47.421</td><td>10.985</td><td>2965</td><td>dwd</td></tr> <tr><td>2</td><td>1346</td><td>feldberg/schwarzwald</td><td>47.875</td><td>8.004</td><td>1490</td><td>dwd</td></tr> <tr><td>3</td><td>1832</td><td>großer arber</td><td>49.113</td><td>13.134</td><td>1436</td><td>dwd</td></tr> <tr><td>4</td><td>1358</td><td>fichtelberg</td><td>50.428</td><td>12.954</td><td>1213</td><td>dwd</td></tr> <tr><td>5</td><td>722</td><td>brocken</td><td>51.799</td><td>10.618</td><td>1135</td><td>dwd</td></tr> <tr><td>6</td><td>2290</td><td>hohenpeißenberg</td><td>47.801</td><td>11.011</td><td>977</td><td>dwd</td></tr> <tr><td>7</td><td>5371</td><td>wasserkuppe</td><td>50.497</td><td>9.943</td><td>921</td><td>dwd</td></tr> <tr><td>8</td><td>2483</td><td>kahler asten</td><td>51.180</td><td>8.489</td><td>839</td><td>dwd</td></tr> <tr><td>9</td><td>3730</td><td>oberstdorf</td><td>47.398</td><td>10.276</td><td>806</td><td>dwd</td></tr> <tr><td>10</td><td>1468</td><td>freudenstadt</td><td>48.454</td><td>8.409</td><td>797</td><td>dwd</td></tr> <tr><td>11</td><td>4887</td><td>stötten</td><td>48.666</td><td>9.865</td><td>734</td><td>dwd</td></tr> <tr><td>12</td><td>2559</td><td>kempten</td><td>47.723</td><td>10.335</td><td>705</td><td>dwd</td></tr> <tr><td>13</td><td>2261</td><td>hof</td><td>50.312</td><td>11.876</td><td>565</td><td>dwd</td></tr> </tbody> </table> <p>(76 Datensätze)</p>	#	s_id	standort	geo_breite	geo_laenge	hoehe	betreiber	1	5792	zugspitze	47.421	10.985	2965	dwd	2	1346	feldberg/schwarzwald	47.875	8.004	1490	dwd	3	1832	großer arber	49.113	13.134	1436	dwd	4	1358	fichtelberg	50.428	12.954	1213	dwd	5	722	brocken	51.799	10.618	1135	dwd	6	2290	hohenpeißenberg	47.801	11.011	977	dwd	7	5371	wasserkuppe	50.497	9.943	921	dwd	8	2483	kahler asten	51.180	8.489	839	dwd	9	3730	oberstdorf	47.398	10.276	806	dwd	10	1468	freudenstadt	48.454	8.409	797	dwd	11	4887	stötten	48.666	9.865	734	dwd	12	2559	kempten	47.723	10.335	705	dwd	13	2261	hof	50.312	11.876	565	dwd																																																																			
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5.	Anzahl der Messungen pro Jahr und Monat. Verwende das Jahr und den Monat getrennt in zwei Spalten. Bilde dann Gruppen für jede Kombination aus Jahr und Monat. Hinweis: YEAR(datum) MONTH(datum)	<table border="1"> <thead> <tr> <th>#</th> <th>Jahr</th> <th>Monat</th> <th>Messungen</th> </tr> </thead> <tbody> <tr><td>1</td><td>2018</td><td>9</td><td>23</td></tr> <tr><td>2</td><td>2018</td><td>10</td><td>31</td></tr> <tr><td>3</td><td>2018</td><td>11</td><td>30</td></tr> <tr><td>4</td><td>2018</td><td>12</td><td>31</td></tr> <tr><td>5</td><td>2019</td><td>1</td><td>31</td></tr> <tr><td colspan="4" style="text-align: center;">...</td></tr> <tr><td>24</td><td>2021</td><td>7</td><td>2277</td></tr> <tr><td>25</td><td>2021</td><td>8</td><td>2294</td></tr> <tr><td>26</td><td>2021</td><td>9</td><td>2214</td></tr> <tr><td>27</td><td>2021</td><td>10</td><td>1399</td></tr> </tbody> </table>	#	Jahr	Monat	Messungen	1	2018	9	23	2	2018	10	31	3	2018	11	30	4	2018	12	31	5	2019	1	31	...				24	2021	7	2277	25	2021	8	2294	26	2021	9	2214	27	2021	10	1399																																																																																																																									
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<p>6. Mittlere Sonnenscheindauer nach Monaten, auf zwei Stellen nach dem Komma gerundet.</p> <p>Außerdem Anzeige der Gesamtzahl der Messungen im jeweiligen Monat.</p>	<table border="1"> <thead> <tr> <th>#</th> <th>Monat</th> <th>Messungen</th> <th>Mittlere Sonnenscheindauer</th> </tr> </thead> <tbody> <tr><td>1</td><td>1</td><td>2294</td><td>1.04</td></tr> <tr><td>2</td><td>2</td><td>2080</td><td>3.91</td></tr> <tr><td>3</td><td>3</td><td>2356</td><td>4.76</td></tr> <tr><td>4</td><td>4</td><td>3221</td><td>7.26</td></tr> <tr><td>5</td><td>5</td><td>4615</td><td>6.65</td></tr> <tr><td>6</td><td>6</td><td>4456</td><td>7.89</td></tr> <tr><td>7</td><td>7</td><td>4571</td><td>7.07</td></tr> <tr><td>8</td><td>8</td><td>4600</td><td>6.20</td></tr> <tr><td>9</td><td>9</td><td>4472</td><td>6.38</td></tr> <tr><td>10</td><td>10</td><td>3726</td><td>2.97</td></tr> <tr><td>11</td><td>11</td><td>2253</td><td>2.93</td></tr> <tr><td>12</td><td>12</td><td>2294</td><td>1.15</td></tr> </tbody> </table>	#	Monat	Messungen	Mittlere Sonnenscheindauer	1	1	2294	1.04	2	2	2080	3.91	3	3	2356	4.76	4	4	3221	7.26	5	5	4615	6.65	6	6	4456	7.89	7	7	4571	7.07	8	8	4600	6.20	9	9	4472	6.38	10	10	3726	2.97	11	11	2253	2.93	12	12	2294	1.15																																																																																																																																
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