

CIS 2334 Semester Project - Part 1

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Cougar ID: 2009205

Question 1

```
1 • select*
2      from cis2334csvdata;
```

Result Grid															Filter Rows:	Export:	Wrap Cell Contents:
Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight	Rings	Collector	Collector_First	Collector_last	Collector_organization	Water			
1	M	0.455	0.365	0.095	0.514	0.2245	0.101	0.15	15	5	Haniya	Talley	Prince William Sound Science Center	2			
2	M	0.35	0.265	0.09	0.2255	0.0995	0.0485	0.07	7	15	Conan	Dalton	University of Houston	6			
3	F	0.53	0.42	0.135	0.677	0.2565	0.1415	0.21	9	9	Danica	Tyler	University of Florida	1			
4	M	0.44	0.365	0.125	0.516	0.2155	0.114	0.155	10	8	Kali	Metcalfe	Mote Marine Laboratory	6			
5	I	0.33	0.255	0.08	0.205	0.0895	0.0395	0.055	7	8	Kali	Metcalfe	Mote Marine Laboratory	10			
6	I	0.425	0.3	0.095	0.3515	0.141	0.0775	0.12	8	9	Danica	Tyler	University of Florida	3			
7	F	0.53	0.415	0.15	0.7775	0.237	0.1415	0.33	20	10	Hazel	Villa	University of Minnesota	2			
8	F	0.545	0.425	0.125	0.768	0.294	0.1495	0.26	16	4	Nate	Craig	NOAA Fisheries	8			
9	M	0.475	0.37	0.125	0.5095	0.2165	0.1125	0.165	9	2	Tiegan	Davie	University of California, Davis	3			
10	F	0.55	0.44	0.15	0.8945	0.3145	0.151	0.32	19	3	Inaya	Bernard	Stanford University	6			
11	F	0.525	0.38	0.14	0.6065	0.194	0.1475	0.21	14	5	Haniya	Talley	Prince William Sound Science Center	9			

Question 2

```
1 • SELECT * FROM cis2334csvdata
2      WHERE cis2334csvdata.Water_region = 'Florida Gulf Coast'
3      or cis2334csvdata.Water_region = 'Florida Atlantic Coast'
4
```

Result Grid															Filter Rows:	Export:	Wrap Cell Contents: <input checked="" type="checkbox"/>	
	Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight	Rings	Collector	Collector_First	Collector_Last	Collector_organization	Water			
	1	M	0.455	0.365	0.095	0.514	0.2245	0.101	0.15	15	5	Haniya	Talley	Prince William Sound Science Center	2			
	3	F	0.53	0.42	0.135	0.677	0.2565	0.1415	0.21	9	9	Danica	Tyler	University of Florida	1			
	7	F	0.53	0.415	0.15	0.7775	0.237	0.1415	0.33	20	10	Hazel	Villa	University of Minnesota	2			
	14	F	0.535	0.405	0.145	0.6845	0.2725	0.171	0.205	10	11	Naima	Reyes	University of Houston	1			
	17	I	0.355	0.28	0.085	0.2905	0.095	0.0395	0.115	7	7	Iona	Connolly	Florida Atlantic University	2			
	18	F	0.44	0.34	0.1	0.451	0.188	0.087	0.13	10	9	Danica	Tyler	University of Florida	1			
	25	F	0.615	0.48	0.165	1.1615	0.513	0.301	0.305	10	3	Inaya	Bernard	Stanford University	2			
	30	M	0.575	0.425	0.14	0.8635	0.393	0.227	0.2	11	4	Nate	Craig	NOAA Fisheries	1			
	34	F	0.68	0.55	0.175	1.798	0.815	0.3925	0.455	19	6	Martin	Gaines	San Diego State University	2			
	42	F	0.55	0.425	0.135	0.8515	0.362	0.196	0.27	14	14	Santiago	Vaughan	Ohio State University	1			
	45	I	0.21	0.15	0.05	0.042	0.0175	0.0125	0.015	4	1	Jan	Odom	University of Houston	1			
	49	I	0.325	0.245	0.07	0.161	0.0755	0.0255	0.045	6	13	Betty	Berg	University of Houston	1			
	61	M	0.45	0.345	0.105	0.4115	0.18	0.1125	0.135	7	14	Santiago	Vaughan	Ohio State University	1			
	62	M	0.505	0.405	0.11	0.625	0.305	0.16	0.175	9	15	Conan	Dalton	University of Houston	2			

Question 3

```
1 • SELECT * FROM cis2334csvdata
2      WHERE cis2334csvdata.Gender = 'I'
3
```

Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight	Rings	Collector	Collector_First	Collector_Last	Collector_organization	Water	Water_region	Feb_temp
5	I	0.33	0.255	0.08	0.205	0.0895	0.0395	0.055	7	8	Kali	Metcalfe	Mote Marine Laboratory	10	Pacific	24.1
6	I	0.425	0.3	0.095	0.3515	0.141	0.0775	0.12	8	9	Danica	Tyler	University of Florida	3	Northeast	3.6
17	I	0.355	0.28	0.085	0.2905	0.095	0.0395	0.115	7	7	Iona	Connolly	Florida Atlantic University	2	Florida Gulf Coast	18
22	I	0.38	0.275	0.1	0.2235	0.08	0.049	0.085	10	2	Tegan	Davie	University of California, Davis	8	West Coast	12.3
43	I	0.24	0.175	0.045	0.07	0.0315	0.0235	0.02	5	9	Danica	Tyler	University of Florida	4	Mid-Atlantic	6.1
44	I	0.205	0.15	0.055	0.042	0.0255	0.015	0.012	5	7	Iona	Connolly	Florida Atlantic University	4	Mid-Atlantic	6.1
45	I	0.21	0.15	0.05	0.042	0.0175	0.0125	0.015	4	1	Jan	Odum	University of Houston	1	Florida Atlantic Coast	22.1
46	I	0.39	0.295	0.095	0.203	0.0875	0.045	0.075	7	4	Nate	Craig	NOAA Fisheries	3	Northeast	3.6
49	I	0.325	0.245	0.07	0.161	0.0755	0.0255	0.045	6	13	Betty	Berg	University of Houston	1	Florida Atlantic Coast	22.1
51	I	0.52	0.41	0.12	0.595	0.285	0.111	0.19	8	1	Jan	Odum	University of Houston	6	Gulf of Mexico	14.1
59	I	0.245	0.19	0.06	0.086	0.042	0.014	0.025	4	12	Rebecca	Bennett	University of Houston	8	West Coast	12.3
70	I	0.31	0.235	0.07	0.151	0.063	0.0405	0.045	6	5	Haniya	Talley	Prince William Sound Science...	8	West Coast	12.3
101	I	0.36	0.265	0.095	0.2315	0.105	0.046	0.075	7	1	Jan	Odum	University of Houston	6	Gulf of Mexico	14.1
113	I	0.435	0.32	0.08	0.3325	0.1485	0.0635	0.105	9	7	Iona	Connolly	Florida Atlantic University	9	North Pacific	1.9
172	I	0.385	0.245	0.085	0.2515	0.101	0.0575	0.085	7	4	Nate	Craig	NOAA Fisheries	6	Gulf of Mexico	14.1

Question 4

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1 • SELECT * FROM cis2334csvdata
2     WHERE cis2334csvdata.Feb_temp > 1;
3

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Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight	Rings	Collector	Collector_First	Collector_Last	Collector_organization	Water	Water_region	Feb_temp
1	M	0.455	0.365	0.095	0.514	0.2245	0.101	0.15	15	5	Haniya	Talley	Prince William Sound Science Center	2	Florida Gulf Coast	18
2	M	0.35	0.265	0.09	0.2255	0.0995	0.0485	0.07	7	15	Conan	Dalton	University of Houston	6	Gulf of Mexico	14.1
3	F	0.53	0.42	0.135	0.677	0.2565	0.1415	0.21	9	9	Danica	Tyler	University of Florida	1	Florida Atlantic Coast	22.1
4	M	0.44	0.365	0.125	0.516	0.2155	0.114	0.155	10	8	Kali	Metcalfe	Mote Marine Laboratory	6	Gulf of Mexico	14.1
5	I	0.33	0.255	0.08	0.205	0.0895	0.0395	0.055	7	8	Kali	Metcalfe	Mote Marine Laboratory	10	Pacific	24.1
6	I	0.425	0.3	0.095	0.3515	0.141	0.0775	0.12	8	9	Danica	Tyler	University of Florida	3	Northeast	3.6
7	F	0.53	0.415	0.15	0.7775	0.237	0.1415	0.33	20	10	Hazel	Vila	University of Minnesota	2	Florida Gulf Coast	18
8	F	0.545	0.425	0.125	0.768	0.294	0.1495	0.26	16	4	Nate	Craig	NOAA Fisheries	8	West Coast	12.3
9	M	0.475	0.37	0.125	0.5095	0.2165	0.1125	0.165	9	2	Tegan	Davie	University of California, Davis	3	Northeast	3.6
10	F	0.55	0.44	0.15	0.8945	0.3145	0.151	0.32	19	3	Iona	Bernard	Stanford University	6	Gulf of Mexico	14.1
11	F	0.525	0.38	0.14	0.6065	0.294	0.1475	0.21	14	5	Haniya	Talley	Prince William Sound Science Center	9	North Pacific	1.9
12	M	0.43	0.35	0.11	0.406	0.1675	0.081	0.135	10	4	Nate	Craig	NOAA Fisheries	9	North Pacific	1.9
13	M	0.49	0.38	0.135	0.5415	0.2175	0.095	0.19	11	12	Rebecca	Bennett	University of Houston	8	West Coast	12.3
14	F	0.535	0.405	0.145	0.6845	0.2725	0.171	0.205	10	11	Naima	Reyes	University of Houston	1	Florida Atlantic Coast	22.1
15	F	0.47	0.355	0.1	0.4755	0.1675	0.0815	0.185	10	8	Kali	Metcalfe	Mote Marine Laboratory	8	West Coast	12.3

Question 5

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1 • insert into cis2334csvdata (Gender, Length, Diameter, Height, Whole_weight, Shucked_weight, Viscera_weight, Shell_weight, Rings, Collector_First,Collector_last, Collector_organization, Water_region, Feb_temp)
2     values ('M', '0.71', '0.555', '0.195', '1.9485', '0.9455', '0.3765', '0.495', '12', 'Jan', 'Odum', 'University of Houston', 'Florida Atlantic Coast', 22.1);
3
4 • select*
5     from cis2334csvdata;
6

```

Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight	Rings	Collector	Collector_First	Collector_Last	Collector_organization	Water	Water_region	Feb_temp
4171	M	0.55	0.43	0.13	0.8395	0.3155	0.1955	0.2405	10	12	Rebecca	Bennett	University of Houston	4	Mid-Atlantic	6.1
4172	M	0.56	0.43	0.155	0.8675	0.4	0.172	0.229	8	9	Danica	Tyler	University of Florida	6	Gulf of Mexico	14.1
4173	F	0.565	0.45	0.165	0.887	0.37	0.239	0.249	11	15	Conan	Dalton	University of Houston	6	Gulf of Mexico	14.1
4174	M	0.59	0.44	0.135	0.966	0.439	0.2145	0.2605	10	7	Iona	Connolly	Florida Atlantic University	4	Mid-Atlantic	6.1
4175	M	0.6	0.475	0.205	1.176	0.5255	0.2875	0.308	9	9	Danica	Tyler	University of Florida	2	Florida Gulf Coast	18
4176	F	0.625	0.485	0.15	1.0945	0.531	0.261	0.296	10	9	Danica	Tyler	University of Florida	9	North Pacific	1.9
4177	M	0.71	0.555	0.195	1.9485	0.9455	0.3765	0.495	12	12	Jan	Odum	University of Houston	1	Florida Atlantic Coast	22.1
4178	M	0.71	0.555	0.195	1.9485	0.9455	0.3765	0.495	12	12	Jan	Odum	University of Houston	1	Florida Atlantic Coast	22.1

Question 6

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1 • SET SQL_SAFE_UPDATES = 0;
2 • delete
3     from cis2334csvdata
4     where cis2334csvdata.Whole_weight > 1.25;
5
6 • select*
7     from cis2334csvdata;
8

```

	Abalone_id	Gender	Length	Diameter	Height	Whole_weight	Shucked_weight	Viscera_weight	Shell_weight
	4124	I	0.49	0.375	0.115	0.557	0.2275	0.1335	0.1765
	4125	I	0.5	0.385	0.12	0.516	0.197	0.1305	0.165
	4126	I	0.54	0.415	0.135	0.709	0.3195	0.174	0.185
	4127	M	0.55	0.42	0.145	0.7385	0.321	0.1485	0.252
	4128	I	0.55	0.445	0.11	0.7935	0.378	0.142	0.26
	4129	M	0.555	0.435	0.145	0.9205	0.404	0.2275	0.255
	4130	I	0.57	0.425	0.14	0.7655	0.331	0.14	0.24