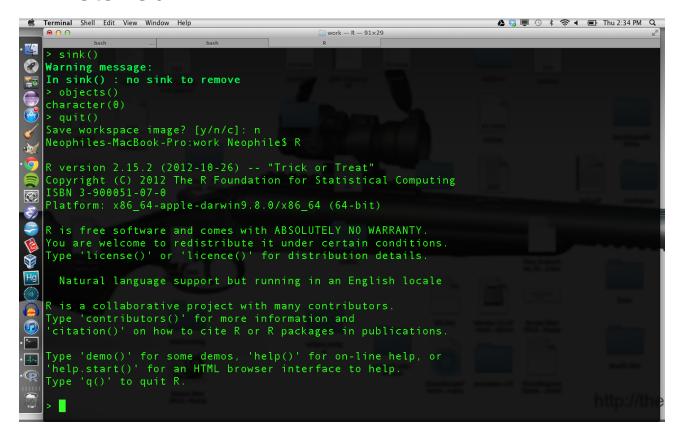
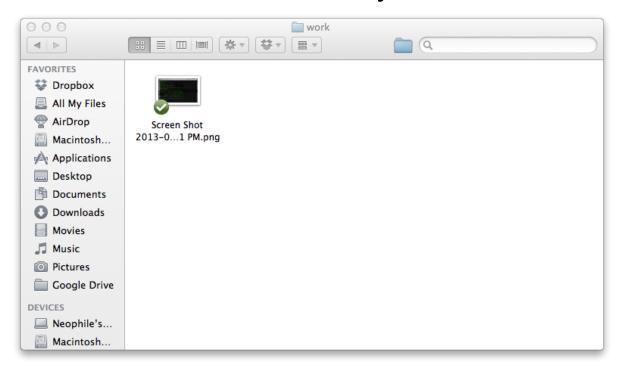
# Project 1

Blair Gemmer CSCI 548 - Pattern Recognition Spring 2013

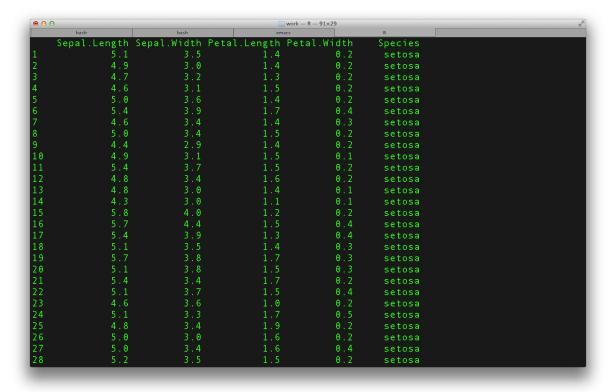
#### 1. Installed R.



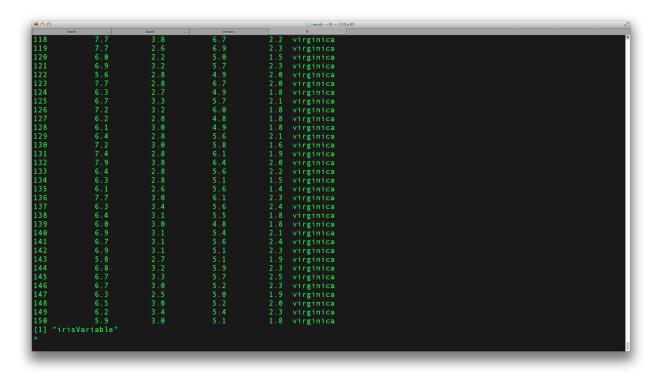
## 2. Created a work directory.



## 3. Loaded Iris data and printed.



#### 4. Listed variables.



## 5. Printed Last Datarow.

0 0 0	● ○ ○ □ work — R - 125×35										
	bash	bash	emacs		R CONTRACTOR OF THE PARTY OF TH						
120	6.0		5.0	1.5	virginica						
121	6.9	3.2		2.3	virginica						
122	5.6	2.8	4.9	2.0	virginica						
123		2.8	6.7	2.0	virginica						
124	6.3	2.7	4.9	1.8	virginica						
125	6.7	3.3	5.7	2.1	virginica						
126	7.2	3.2	6.0	1.8	virginica						
127	6.2	2.8	4.8	1.8	virginica						
128	6.1	3.0	4.9	1.8	virginica						
129	6.4	2.8	5.6	2.1	virginica						
130	7.2	3.0	5.8	1.6	virginica						
131 132	7.4 7.9	2.8	6.1	1.9	virginica						
133	6.4	3.8 2.8	6.4 5.6	2.0 2.2	virginica virginica						
134	6.3	2.8	5.1	1.5	virginica						
135	6.1	2.6	5.6	1.4	virginica						
136	7.7	3.0	6.1	2.3	virginica						
137	6.3	3.4	5.6	2.4	virginica						
138	6.4	3.1	5.5	1.8	virginica						
139	6.0	3.0	4.8	1.8	virginica						
140	6.9	3.1	5.4	2.1	virginica						
141	6.7	3.1	5.6	2.4	virginica						
142	6.9	3.1	5.1	2.3	virginica						
143	5.8	2.7	5.1	1.9	virginica						
144	6.8	3.2		2.3	virginica						
145	6.7	3.3	5.7	2.5	virginica						
146		3.0	5.2	2.3	virginica						
147			5.0		virginica						
148		3.0	5.2	2.0	virginica						
149	6.2				virginica						
150		3.0		1.8	virginica						
[1]	"irisVariable"										
	Sepal.Length Sepa										
150	5.9		5.1	1.8	virginica						
>											

# 6. Printed Data Type.

0					□ work − R − 125×35
	bash	bash	emacs		
1	6.9	3.2			virginica
2	5.6	2.8	4.9		virginica
3		2.8			virginica
4	6.3	2.7	4.9		virginica
5	6.7	3.3			virginica
6	7.2	3.2	6.0		virginica
7	6.2	2.8	4.8		virginica
8	6.1	3.0	4.9		virginica
9	6.4	2.8			virginica
0		3.0	5.8		virginica
1	7.4	2.8	6.1		virginica
2		3.8	6.4		virginica
3	6.4	2.8			virginica
4		2.8			virginica
5					virginica
6		3.0			virginica
7					virginica
8					virginica
9	6.0	3.0	4.8		virginica
Θ					virginica
					virginica
2					virginica
3	5.8				virginica
4	6.8				virginica
5					virginica
6		3.0			virginica
7			5.0		virginica
8		3.0	5.2		virginica
9	6.2	3.4			virginica
Θ		3.0		1.8	virginica
	isVariable"				
	al.Length Sep	al.Width Peta			Species
Θ				1.8 v	irginica
] "da	ta.frame"				

#### 7. Printed First Datarow.

## 8. Using the tapply command.

