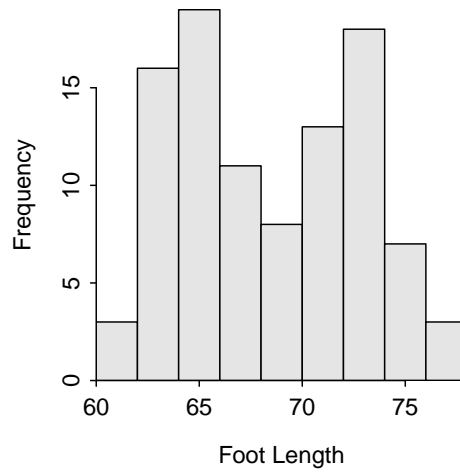


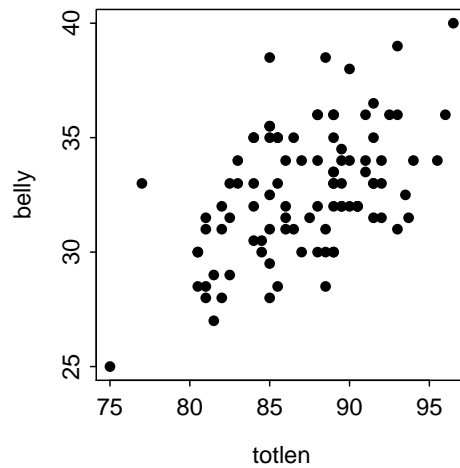
Final Exam Key – Possum1

n	mean	sd	min	Q1	median	Q3	max
98.000	68.397	4.441	60.300	64.500	67.950	72.475	77.900



f	m
41.8	58.2

The correlation is 0.506



```
(Intercept)    totlen
    3.871709    0.265047
The predicted value at a median of 88 is 27.196
The residual is 24 - 26.401 = -2.401
The r-squared value is 0.312
```

	f	m
other	19	37
Vic	22	20

	f	m
other	23.42857	32.57143
Vic	17.57143	24.42857

Pearson's Chi-squared test with table(p\$pop, p\$sex)
X-squared = 3.3582, df = 1, p-value = 0.06687

Levene's Test for Homogeneity of Variance (center = median)

	Df	F value	Pr(>F)
group	1	1.2944	0.2581

96

Two Sample t-test with chest by pop
t = -2.6441, df = 96, p-value = 0.009569
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
-1.8393133 -0.2618772
sample estimates:
mean in group other mean in group Vic
26.54464 27.59524