Final Exam Key – PygmyWFBC

n	nvalid	mean	sd	min	Q1	median	Q3	max
669.000	651.000	10.027	5.658	0.200	6.050	10.200	14.500	22.300
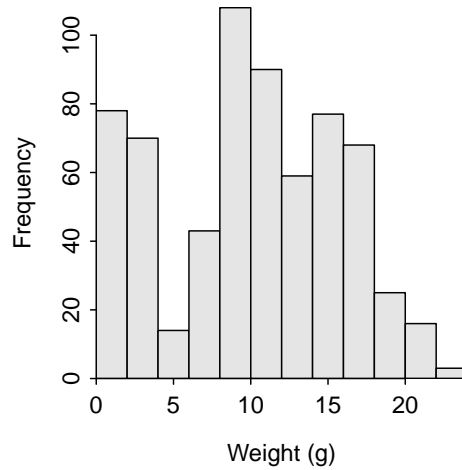
month

May	June	July	August	September	October	November
0.6	43.5	8.2	15.8	8.1	22.4	1.3
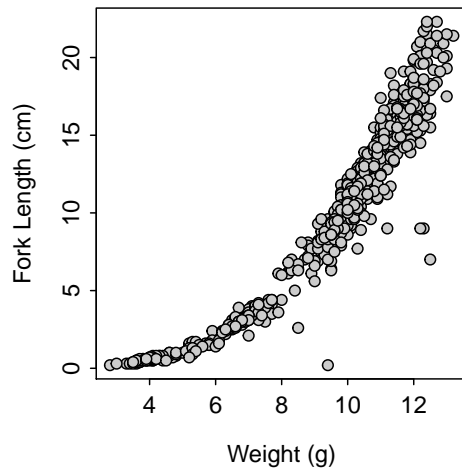

```
(Intercept)             fl
 0.01276061   1.07591157
The predicted value at a median FL of 10.00 is 10.77
The residual is 10 - 9.696 = 0.304
The r-squared value is 0.987
```

```
    mat
sex IMM  MG  MT
  F  34 197 134
  M  43  66  86
    mat
sex      IMM        MG        MT
  F 50.1875 171.41964 143.39286
  M 26.8125  91.58036  76.60714
```

```
Pearson's Chi-squared test with xtabs(~sex + mat, data = pwf)
X-squared = 27.7233, df = 2, p-value = 9.549e-07
```

```
Levene's Test for Homogeneity of Variance (center = median)
       Df F value Pr(>F)
group   1  0.0179 0.8936
      289
```

```
 Two Sample t-test with oto_age by year
t = 4.3295, df = 289, p-value = 2.063e-05
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 0.3477485 0.9274678
sample estimates:
mean in group 2000 mean in group 2001
          2.656716           2.019108
```