

```

> crab = read.table(file="D:\\stat141\\horseshoecrab.dat", header = T)
> summary(crab)
      color      spine      widthcm      satell      weightgr
Min.   :2.000   Min.   :1.000   Min.   :21.0   Min.   : 0.000   Min.   :1200
1st Qu.:3.000   1st Qu.:2.000   1st Qu.:24.9   1st Qu.: 0.000   1st Qu.:2000
Median :3.000   Median :3.000   Median :26.1   Median : 2.000   Median :2350
Mean   :3.439   Mean    :2.486   Mean    :26.3   Mean    : 2.919   Mean    :2437
3rd Qu.:4.000   3rd Qu.:3.000   3rd Qu.:27.7   3rd Qu.: 5.000   3rd Qu.:2850
Max.   :5.000   Max.    :3.000   Max.    :33.5   Max.    :15.000   Max.    :5200
> table(crab$satell)

 0  1  2  3  4  5  6  7  8  9 10 11 12 14 15
62 16  9 19 19 15 13  4  6  3  3  1  1  1  1

> length(crab$satell)
[1] 173

> table(crab$satell)/length(crab$satell)
      0      1      2      3      4      5
0.358381503 0.092485549 0.052023121 0.109826590 0.109826590 0.086705202
      6      7      8      9     10     11
0.075144509 0.023121387 0.034682081 0.017341040 0.017341040 0.005780347
      12     14     15
0.005780347 0.005780347 0.005780347
> barplot(table(crab$satell)/length(crab$satell))

```

