Chapter 1, problem 1 (page 9)

The dataset `teengamb` concerns a study of teenage gambling in Britain. Make a numerical and graphical summary of the data, commenting on any features that you find interesting. Limit the output you present to a quantity that a busy reader would find sufficient to get a basic understanding of the data.

**Description:** After you install R and the `faraway` package, you can type `library(faraway)` to load the package and `data(teengamb)` to load the data. This dataset is from a survey conducted to study teenage gambling in Britain. It contains five variables:

- *sex*: 0 = male, 1 = female
- *status*: socioeconomic status score based on parents' occupation
- *income*: in pounds per week
- *verbal*: verbal score in words out of 12 correctly defined
- *gamble*: expenditure on gambling in pounds per year

More details about the dataset can be found in


**Hints:** Useful R functions for this homework: `data()`, `summary()`, `hist()`, `plot()`. You can always type `help(subject)` to get detailed help on the subject, e.g. `help(plot)`. Or you can type `help.start()` to get interactive help with a search engine.