42. Population：the clients of the fitness
   Sample： Randomly selected few clients
   Parameter：the population mean of amount of time
   Statistic: the sample mean of amount of time
   Variable: the amount of time
   The data will be the values of variable like 50 minutes 75 minutes

44.population: heart patients of the cardiologist
   Sample: randomly selected heart patients
   Parameter: the population mean recovery period
   Statistic: the sample mean recovery period
   Variable: recovery period
   The data will be the value of the variable like 5 months 10 month

43. Population：the voters
   Sample： randomly selected few voters
   Parameter：the population proportion of number of vote
   Statistic: the sample proportion of number of vote
   Variable: votes of voters
   The data will be the value of the variable like 1000 votes or 2000 votes

51. A
52. C
54.quantitative continues   example：18.5% body fat
56. quantitative continues   example : 8.6 minutes of time in line to buy groceries
58. qualitative   example: the most-watch TV show is Friends , Friends will be the data
60. quantitative discreet example: the closet movie theatre will be 8 miles away
66.To determine the number of students per statistics class in a states, should use stratified sampling. First dived the states, and then select the classes in order to know the number of students per class.
76. a. The chosen lists are not the representative of the population of the U.S. Because there are many of people will exists in the U.S. Who are not belong to the list which are used for the study.
b. Due to low responses of respondents there are huge chances that the conclusion of the study will go wrong.
c. Since, the respondents of the selected sample refuse to respond the survey, hence it is sampling error because wrong sample has been selected
d. Quota sampling in this module used as a non-probabilistic version of stratified sampling.
90. a.4%
   b.13%
   c.The percentage will also almost same for Great Basin College because the percentage were calculated in an average in which this college is also included. So it will have same percentage.