```
# Creating summary and needle plot for data
y.data = c(3,4,3,5,5,5,5,5,5,4)

# the table function creates a summary table for discrete data
table(y.data)

# the prop.table function takes a table as its argument
prop.table(table(y.data))

# the plot function creates a plot
# modify the xlab and ylab arguments
plot(prop.table(table(y.data)),xlab="Satisfaction",ylab="Probability")

# create a list of probabilities
y.prob = c(.05, .05, .2, .2, .5)

# use the sample() function to generate simulated values
# the replace argument must be set to TRUE
sim.y = sample(1:5,100,y.prob,replace=T)
```