a. My stopping criteria was the subset having 5 or fewer entries, or a GINI less than 0.1
b. No pruning was used
c. Weighted GINI binary splits were used as instructed
d.
```
if(tableLine.Sugar <= 19)
        if(tableLine.Egg <= 12)
                if(tableLine.ButterOrMargarine <= 17)
                        tableLine.Guess = 1;
                else
                        tableLine.Guess = 0;
                end
        else
                tableLine.Guess = 0;
        end
else
        if(tableLine.Egg <= 23)
                if(tableLine.CannedPumpkin_or_Fruit <= 1)
                        tableLine.Guess = 0;
                else
                        tableLine.Guess = 1;
                end
        else
                tableLine.Guess = 1;
        end
end
```

e. 73/76 = 96.05% accurate (1 is a muffin, 0 is a cupcake)
f. The trainer program wrote the entire classifier, i did not modify it.
g. I learned how to use matlab functions, and that programs to write decision trees take quite a while to run.
h. The assignment was fairly easy to get done once i got through fiddling with matlab functions and tables to get it to do what i want. Each branch rapidly split the data up, i did not need to go anywhere near the 8 statement limit given.