SENG 474, CSC 503: Assignment 2, Part 2

1. (6 pts) Construct the root and the first level of a decision tree for the titanic dataset. Use entropy to decide splits. Show the details of your construction (entropies calculated for each step). You can use a spreadsheet to compute the counts.

2. (5 pts) Classify using Naïve Bayes method on the titanic dataset the data items:
```
2nd     child   male    ?
2nd     adult   female  ?
```
You can use a spreadsheet to compute the counts.