Dear,

You are invited to draft a decision model (in the form of a <u>decision tree</u>) to evaluate cars. Please… promise me you don't look at the UCI data set for now.

Available properties (and allowed values) of the cars include:

Attribute name	Explanation	Allowed values
buying	buying price	v-high, high, med, low
maint	price of the maintenance	v-high, high, med, low
doors	number of doors	2, 3, 4, 5-more
persons	capacity in terms of persons to carry	2, 4, more
lug_boot	the size of luggage boot	small, med, big
safety	estimated safety of the car	low, med, high

The final evaluation of a car should be among:

Unacc (unacceptable), acc (acceptable), good, v-good (very good)

It's NOT necessary to use all attributes in the decision model and an attribute can appear more than once if you feel proper. But make sure every car would find one and only one way out to a final recommendation and no one would get lost half way in the tree.

An example is attached on the back side.

Thank you for the help, sincerely.