

## Homework 3

Id	Refund	Marital Status	Taxable Income	Cheat
1	Yes	Single	Over 100K	Yes
2	No	Married	Under 100K	No
3	Yes	Single	Over 100K	Yes
4	Yes	Married	Over 100K	Yes
5	No	Single	Over 100K	No
6	Yes	Single	Under 100K	No
7	No	Married	Over 100K	No
8	No	Single	Over 100K	No
9	Yes	Single	Under 100K	No
10	Yes	Married	Over 100K	Yes

지니계수(Gini index)를 사용하여 최대 깊이 분류 트리(maximum depth classification tree)를 찾으세요.