(1) Fill in the CYK table to parse the sentence "I can can a can", indicating the origin of each entry and weight.
(2) Draw the resulting parse trees with (can be more than one) their final weights.

```
S  → NP VP   1.0        NP → NP NP   0.2        DT → a   1.0
VP → VP VP   0.2        NP → DT NP   0.4
VP → VP NP   0.5        NP → I       0.3        T = {S, VP, NP, DT}
VP → can     0.3        NP → can     0.1        N = {I, can, a}
```

	I	**can**	**can**	**a**	**can**
	1	**2**	**3**	**4**	**5**
0					
1					
2					
3					
4					