Problem 1: Brill's Tagger (15 Marks)

Solution:

Assignment 1:

1. VF
2. PP
3. NNS
4. PT
5. VF
6. RB
7. PT
8. PRP
9. PT
10. PT
11. CNJ
12. WDNEXTTAG
13. WDPREVTAG
14. DT
15. RB

Assignment 2:

He books it for another show.

PRP NNS PT PP DT VF PU

PRP RB PT PP DT NN PU

Rules:

Rule	**Change**	**Condition**
A	PT -> PRP	The preceding tag is VF and the word is *it*.
B	PP -> CNJ	The following tag is DT and the word is

		since.
C	PP -> PT	The preceding tag is VF and the following tag is PP.
D	NNS -> VF	The preceding tag is NNP
E	VF -> NN	The preceding tag is DT
F	NNS -> RB	The following tag is PT