Minimum Support = 2

Item	frequency
CSI 123	4
CSI 221	2
CSI 231	2
CSE 213	1
CSI 223	1
CSI 483	1

Ordered Item set

$$L = \{ (CSI\ 123 : 4), (CSI\ 221 : 2), (CSI\ 231 : 2) \}$$

ID	(Ordered) frequent Items
1	CSI 123, CSI 221, CSI 231
2	CSI 123
3	CSI 123, CSI 221, CSI 231
4	CSI 123

```
        ( Root )
           |
     ( CSI 123 : 1 )
           |
     ( CSI 221 : 1 )
           |
     ( CSI 231 : 1 )
```

```
           ( Root )
              |
        ( CSI 123 : 2 )
              |
        ( CSI 221 : 1 )
              |
        ( CSI 231 : 1 )
```

```
        ( Root )                      ( Root )
           |                             |
    ( CSI 123 : 3 )               ( CSI 123 : 4 )
           |                             |
    ( CSI 221 : 2 )               ( CSI 221 : 2 )
           |                             |
    ( CSI 231 : 2 )               ( CSI 231 : 2 )
```
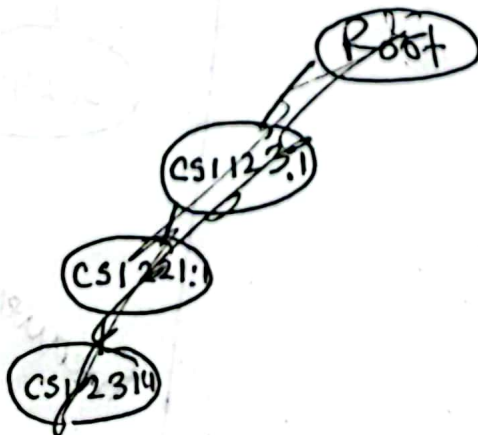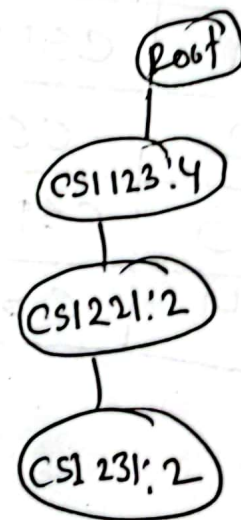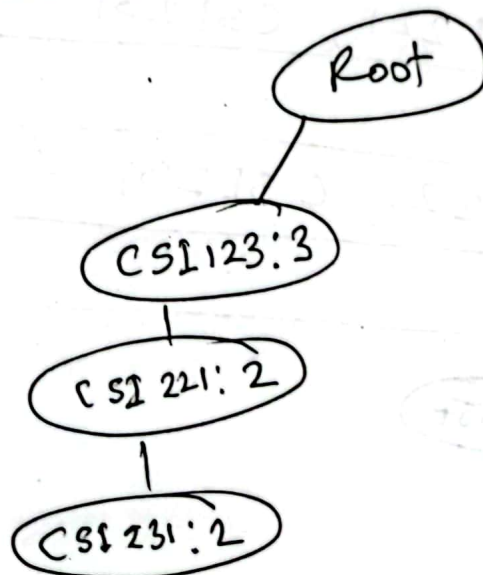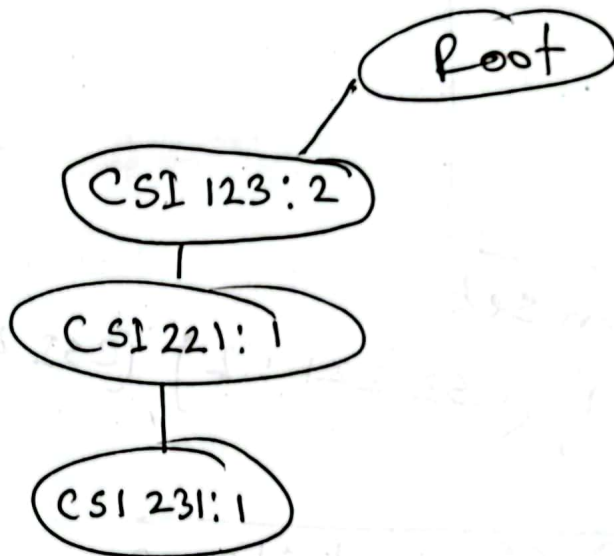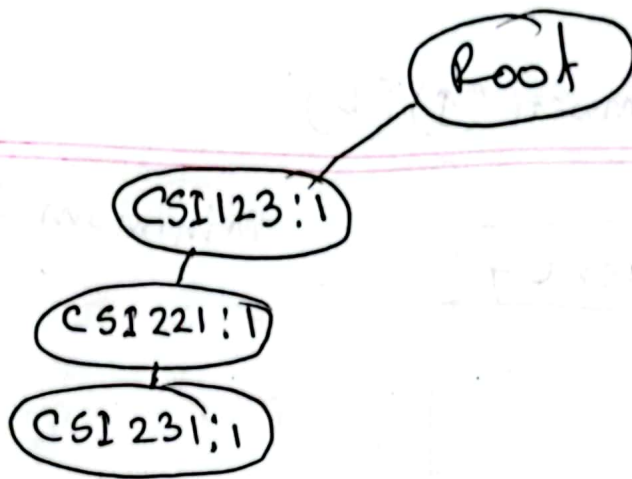
Frequent pattern tree

Conditional Pattern Base

Item	Conditional pattern Base.	Conditional FP tree
CSI 123	ϕ	ϕ
CSI 221	{CSI 221 : 2 }	{CSI 221 : 2}
CSI 231	{CSI 123, CSI 221 : 2 }	, Same