A transaction database

|  |  |  |
| --- | --- | --- |
| **ID** | **items** | **ordered frequent items** |
| 100 | *f, a, c, d, g, i, m, p* | *f, c, a, m, p* |
| 200 | *a, b, c, f, l, m, o* | *f, c, a, b, m* |
| 300 | *b, f, h, j, o, w* | *f, b* |
| 400 | *b, c, k, s, p* | *c, b, p* |
| 500 | *a, f, c, e, l, p, m, n* | *f, c, a, m, p* |

Minsupport: 60%

(0,6 \* 5) = 3

Header table

|  |  |
| --- | --- |
| ITEM | frequent head |
| f | 4 |
| c | 4 |
| a | 3 |
| b | 3 |
| m | 3 |
| p | 3 |

F-list= {f, c, a, b, m, p}

**FP-tree**

{}

*f:4*

*c:1*

*b:1*

*p:1*

*b:1*

*c:3*

*a:3*

*b:1*

*m:2*

*p:2*

*m:1*

**Header Table**

***Item frequency head***

*f 4*

*c 4*

*a 3*

*b 3*

*m 3*

*p 3*