I) ("l", "o", 'w' :5)

("l", 'o', 'w', 'e', 's', 't' :2)

('n', 'e', 'w', 'e', 'r' :6)

('w', 'j', 'd', 'e', 'r' :3)

('m', 'e', 'w' :2)

Pairs frequencies :—

$$l + o = 7$$
$$o + w = 7$$
$$w + e = 8$$
$$e + s = 2$$
$$s + t = 2$$
$$m + e = 8$$
$$e + w = 8$$
$$\boxed{e + r = 9}$$
$$w + j = 3$$
$$j + d = 3$$
$$d + e = 3$$

$$e\, r = 9$$

$('l', 'o', 'w' : 5)$, $('l', 'o', 'w', 'e', 's', 't' : 2)$,
$('m', 'e', 'w', 'er' : 6)$ $('w', 'j', 'd', 'er' : 3)$,
$('m', 'e', 'w' : 2)$

$l+o = 7$	$l+o = 7$	$\boxed{l+o = 7}$
$o+w = 7$	$o+w = 5$	$o+w = 7$
$w+e = 2$	$w+e = 2$	$w+e = 2$
$e+s = 2$	$e+s = 2$	$e+s = 2$
$s+t = 2$	$s+t = 2$	$s+t = 2$
$\boxed{m+e = 8}$	$\boxed{me+w = 8}$	$mew+er = 6$
$e+w = 8$	$w+er = 6$	$w+j = 3$
$w+er = 6$	$w+j = 3$	$j+d = 3$
$w+j = 3$	$j+d = 3$	$d+er = 3$
$j+d = 3$	$d+er = 3$	$mew = 8$
$d+er = 3$	$er = 9$	$er = 9$
	$mew = 8$	$lo = 7$
$me = 8$		

$\boxed{lo + w = 7}$	$low = 7$
$w+e = 2$	$low+e = 2$
$e+s = 2$	$e+s = 2$
$s+t = 2$	$s+t = 2$
$mew+er = 6$	$mew+er = 6$
$w+j = 3$	$w+j = 3$
$j+d = 3$	$j+d = 3$
$d+er = 3$	$d+er = 3$
$mew = 8$	$mew = 2$
$er = 9$	$er = 9$
$low = 7$	

DELTA Notebook

$$\text{("low" : 5), ('low', 'e', 's', 't' : 2), ('new', 'er' : 6),}$$
$$\text{('w', 'i', 'd', 'er' : 3), ('new' : 2)}$$

$$\begin{cases} low + e = 2 \\ e + s = 2 \\ s + t = 2 \\ new + er = 6 \\ w + i = 3 \\ i + d = 3 \\ d + er = 3 \end{cases}$$

Merges

$$\left.\begin{aligned} e + r &= er \\ n + e &= ne \\ ne + w &= new \\ l + o &= lo \\ lo + w &= low \end{aligned}\right\}$$

→ Tokenization of "lower" :-

$$('l', 'o', 'w', 'e', 'r')$$

$$'lo', 'w', 'e', 'r'$$

$$'low' \qquad 'er'$$

$$= 'low' + 'er' \qquad \therefore ans$$