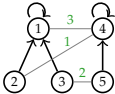


u	1	2	3	4	5
f[u]	1	1	1	4	4
y[u]	∞	∞	∞	∞	∞



$A = \{ (2, 4, 1), (4, 2, 1), (3, 5, 2), (5, 3, 2), (1, 4, 3), (4, 1, 3) \}$

mxv(y, A, f, zip, min)

for (i, j, k) in A do
 $y[i] = \min(y[i], \text{zip}(k, f[j]))$

$y = [(\textcolor{teal}{3}, 4), (\textcolor{teal}{1}, 4), (\textcolor{teal}{2}, 4), (\textcolor{teal}{1}, 1), (\textcolor{teal}{2}, 1)]$

/\
 edge weight supervertex id