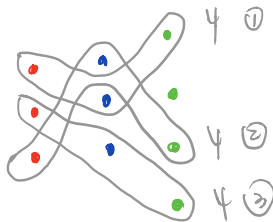


Greedy



Optimal

weight: $X \rightarrow Y \rightarrow Z$

5: $2 \rightarrow 1 \rightarrow 1$

4: $3 \rightarrow 2 \rightarrow 3$

$1 \rightarrow 2 \rightarrow 1$

$3 \rightarrow 1 \rightarrow 3$

$2 \rightarrow 3 \rightarrow 4$

2: $1 \rightarrow 3 \rightarrow 4$

1: others