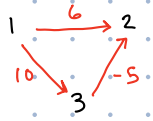
1. Does not work for all DAG :

if we try to find shortest path from 1 to 2, we will never try the negative edge



2. Since we add a vertex with edges of weight 0 to all other verticies, we always have a path from the added vertex to any other vertex with weight 0. If we then have a negative edge, we can decrease this further, but we will always have $w \leq 0$

3. slide 38 when $k = 3$ we should get

0	2	-1	1	1
∞	0	∞	∞	5
∞	3	0	2	2
∞	∞	∞	0	-3
∞	4	1	∞	0

4. Sleep is very important - Why We Sleep Matthew Walker
x2

start assignments early - ID1 prof