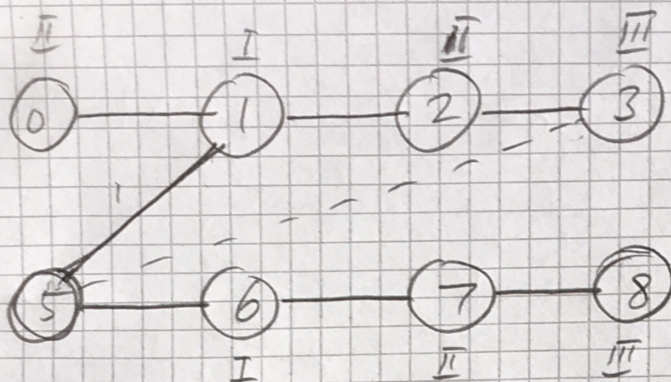


start
vertex,
does not
have pred.

1h

①



id1, id2

S
id1

→ ⑤

vertex id1 (s, #5) sends payment to vertex id2 (#3)
this vertex is now u
vertex S has two vertices (#1 and #6)

let's start from #6

if color is White

- dist is $\text{dist}(u) + 1$

- pred is u 0

- color it Gray now

- put in queue

⑥ ③

⇒ the same with #1

① ⑥ ⑤

Finish proc. of S

pop it and color black

① ⑥

the S which we popped-up is not id2