Follow Ford-Fulkerson's algorithm to find a maximum flow for the following network.
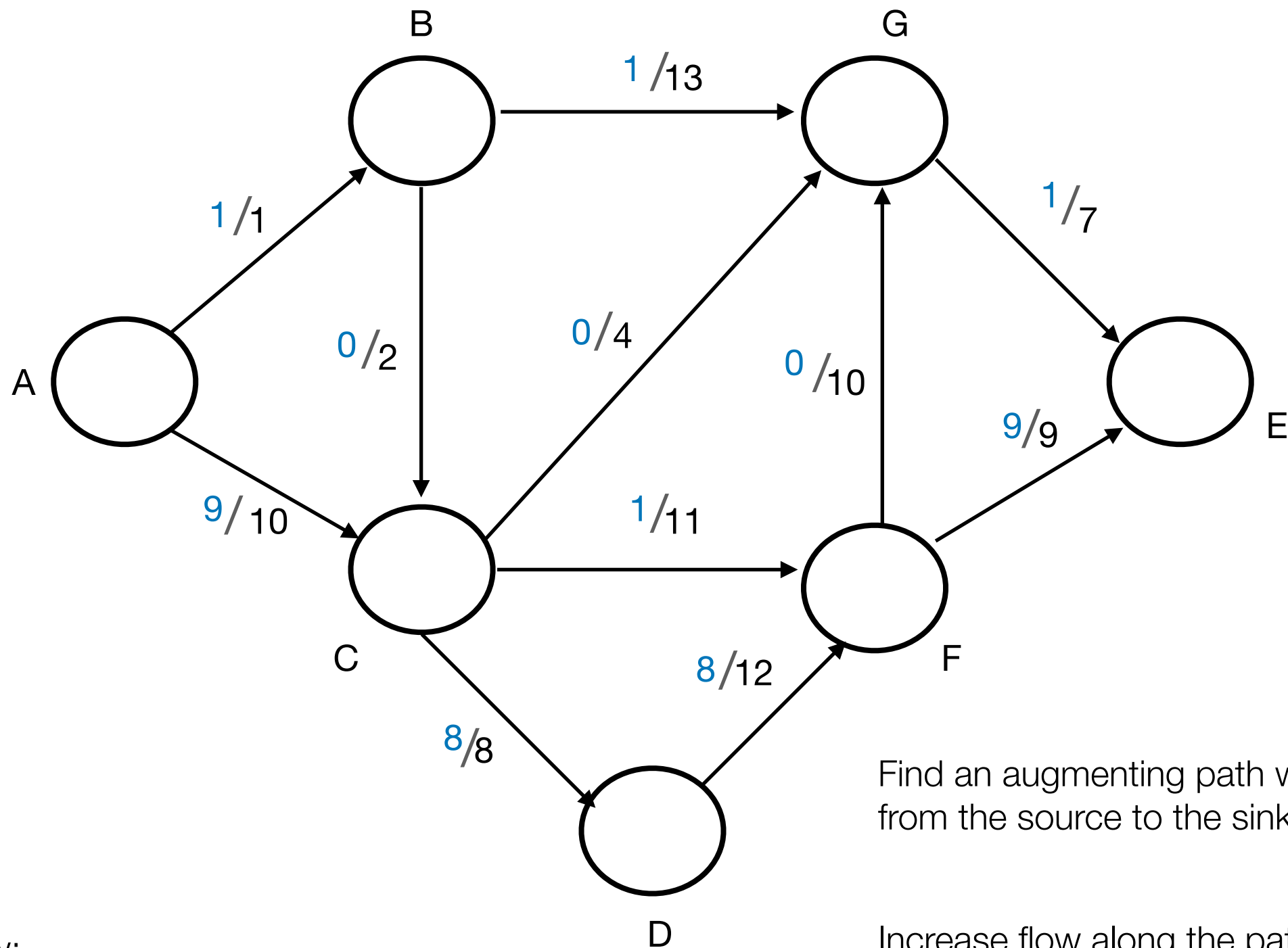

Find an augmenting path with DFS from the source to the sink

Current flow:
$|f| = 10$

Increase flow along the path by the residual capacity of the path (smallest residual capacity of any edge)

Follow Ford-Fulkerson's algorithm to find a maximum flow for the following network.

B

G

+1 flow along this path

$1/13$

$1/1$

$1/7$

$0/2$

$0/4$

$0/10$

A

$9/9$

E

$9/10$

$1/11$

$8/12$

F

C

$8/8$

Find an augmenting path with DFS
from the source to the sink

D

Current flow:

$|f| = 10 + 1 = 11$

Increase flow along the path by the
residual capacity of the path (smallest
residual capacity of any edge)