7. Ford-Fulkerson Demo
Ford-Fulkerson Algorithm

\[ G : \]

\[ \text{Flow value} = 0 \]
Ford-Fulkerson Algorithm

$G$:  

$G_f$:  

Flow value = 0

residual capacity

flow capacity
Ford-Fulkerson Algorithm

$G$: 

$G_f$: 

Flow value = 8
Ford-Fulkerson Algorithm

$G:$

$G_f:$

Flow value = 10
Ford-Fulkerson Algorithm

$G:$

$G_f:$

Flow value = 16
Ford-Fulkerson Algorithm

$G$: 

$G_f$: 

Flow value = 18
Ford-Fulkerson Algorithm

\[ G: \]

\[ G_f: \]

Flow value = 19
Ford-Fulkerson Algorithm

\[ G: \]
\[
\begin{array}{c}
\text{s} \\
10 \\
10 \\
9 \\
10 \\
3 \\
2 \\
0 \\
3 \\
4 \\
7 \\
8 \\
9 \\
9 \\
9 \\
10 \\
9 \\
10 \\
10 \\
10 \\
10 \\
\text{t}
\end{array}
\]

\[ G_f: \]
\[
\begin{array}{c}
\text{s} \\
10 \\
2 \\
10 \\
1 \\
7 \\
1 \\
6 \\
9 \\
1 \\
6 \\
1 \\
9 \\
1 \\
10 \\
\text{t}
\end{array}
\]

Cut capacity = 19
Flow value = 19