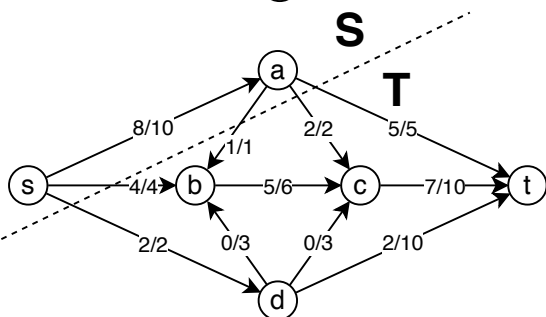
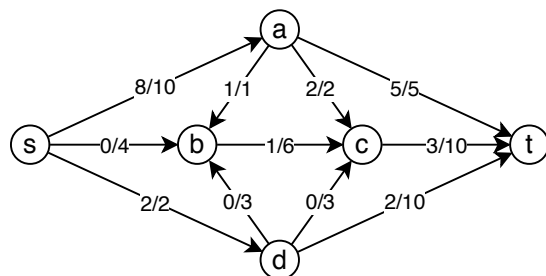
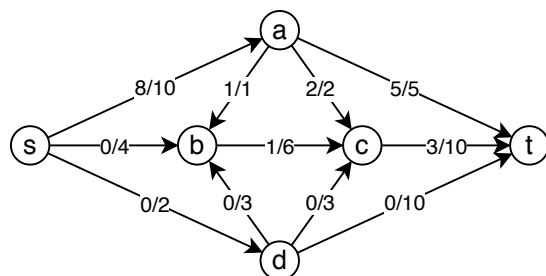
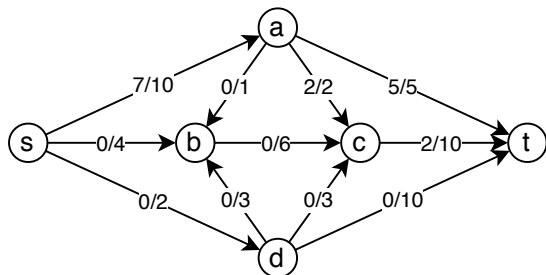
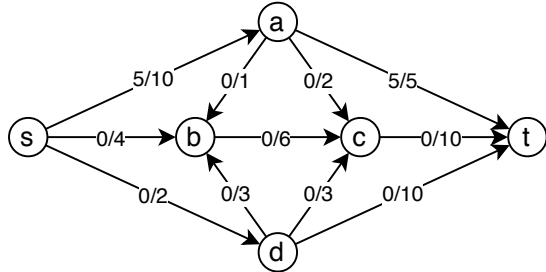
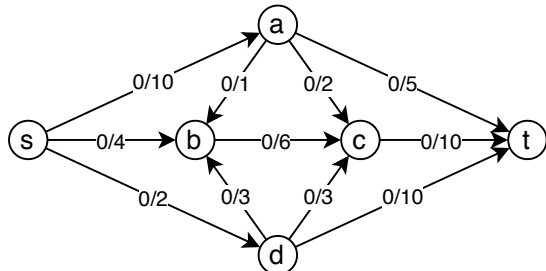
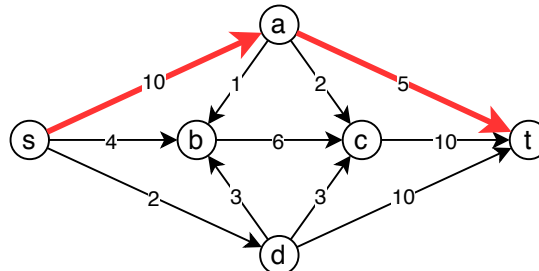


Graph and flow at each iteration

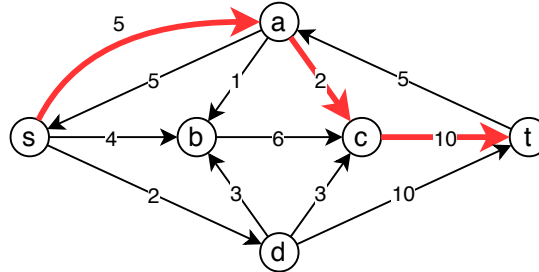


max flow = 14

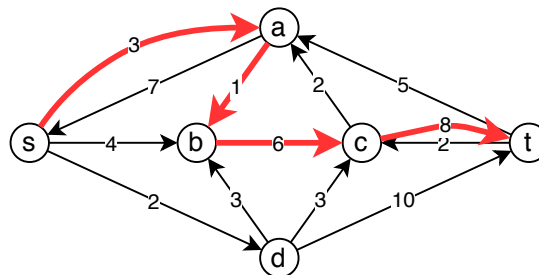
Residual Graph & Augmenting Path



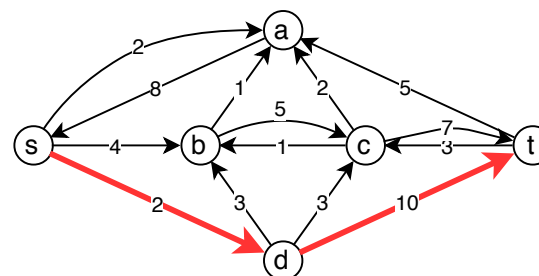
Augmenting paths:
 $c(\{s,a,t\}) = 5$ <- pick this
 $c(\{s,a,c,t\}) = 2$
 $c(\{s,a,b,c,t\}) = 1$
 $c(\{s,b,c,t\}) = 4$
 $c(\{s,d,t\}) = 2$
 $c(\{s,d,c,t\}) = 2$
 $c(\{s,d,b,c,t\}) = 2$



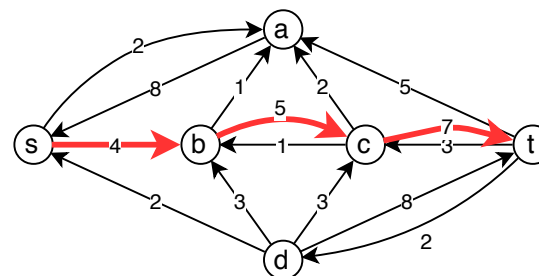
Augmenting paths:
 $c(\{s,a,c,t\}) = 2$
 $c(\{s,a,b,c,t\}) = 1$
 $c(\{s,d,t\}) = 2$
 $c(\{s,d,c,t\}) = 2$
 $c(\{s,d,b,c,t\}) = 2$



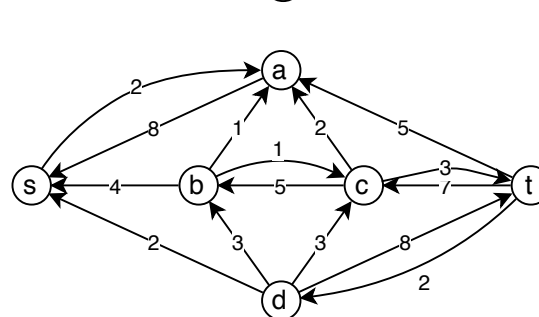
Augmenting paths:
 $c(\{s,a,b,c,t\}) = 1$
 $c(\{s,d,t\}) = 2$
 $c(\{s,d,c,t\}) = 2$
 $c(\{s,d,b,c,t\}) = 2$



Augmenting paths:
 $c(\{s,d,t\}) = 2$
 $c(\{s,d,c,t\}) = 2$
 $c(\{s,d,b,c,t\}) = 2$



Augmenting paths:
 $c(\{s,b,c,t\}) = 4$



Augmenting paths:
 None

min cut: $S = \{s,a\}$ $T = \{b,c,d,t\}$ $c(S,T) = 14$