ECS 122A Homework 4

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```
function AUGMENTING-PATH(G_f)
1.
         for each v \in G_f do
             v.\text{visited} \leftarrow \text{False}
         end for
         return ST-PATH(G_f, G_f.s, APPEND(Nil, G_f.s))
     end function
     function ST-PATH(G, v, l)
         v.\text{visited} \leftarrow \text{True}
         if v == G.t then
             return l
         end if
         for each u \in G.Adj(v) do
             if u.visited == False then
                path? \leftarrow \text{ST-PATH}(G, u, \text{APPEND}(l, u))
                if path? \neq NIL then
                    return path?
```

end if

end if

end for return NIL end function