

```

n = length(V)
S = [ ]
W = [ ]
W.add(V(1))
for i = 1:m-1
  for e in E
    if ( e(1) ∈ W and e(2) ∉ W )
      S.add(e)
      W.add(e(2))
      break
    else if ( e(1) ∉ W and e(2) ∈ W )
      S.add(e)
      W.add(e(1))
      break
    end
  end
  return ("No spanning tree")
end
return S

```

