

Welcome

Graph Basics

Exploring Undirected Graphs

✔ **Video:** Exploring Graphs  
14 min

✔ **Video:** Connectivity  
5 min

✔ **Video:** Previsit and Postvisit Orderings  
7 min



📖 **Reading:** Slides and External References  
10 min



Programming Assignment





# Slides and External References

## Slides

 **09\_graph\_decomposition\_3\_explore.pdf**  
PDF File 

 **09\_graph\_decomposition\_5\_pre-and-post-orders.pdf**  
PDF File 

 **09\_graph\_decomposition\_4\_connectivity.pdf**  
PDF File 

## Reading

Section 3.2 in [DPV]

## Visualizations

Depth-first search by David Galles

## References

[DPV] Sanjoy Dasgupta, Christos Papadimitriou, and Umesh Vazirani. Algorithms (1st Edition). McGraw-Hill Higher Education. 2008.

Mark as completed

