

This assignment does not count toward the final grade.

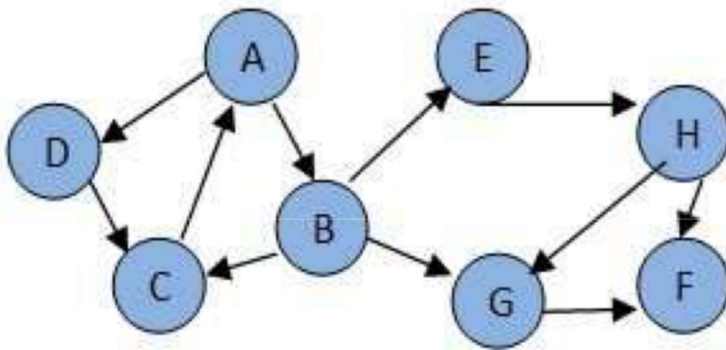
BFS/DFS Activity

New Attempt

Due Nov 20, 2022 by 11:59p.m. **Points** 0 **Submitting** a text entry box or a file upload
File Types pdf, z, and zip **Available** after Nov 14, 2022 at 9:40a.m.

Start from vertex A in the following graph and perform

A) BFS



In the BFS approach:

- show the queue in each step
- draw a graph showing the shortest distance from source to each vertex

Make sure that picture is in PNG format.

B) DFS

- show discovery and finish time for all vertices
- show all recursive function calls
- Implement the DFS algorithm using the following [starter code](https://learn.ontariotechu.ca/courses/19735/files/2619814?wrap=1)
(<https://learn.ontariotechu.ca/courses/19735/files/2619814?wrap=1>)_ ↓
(https://learn.ontariotechu.ca/courses/19735/files/2619814/download?download_frd=1)

