GraphGenerator

STUDENT MANUAL

- Uploading a question

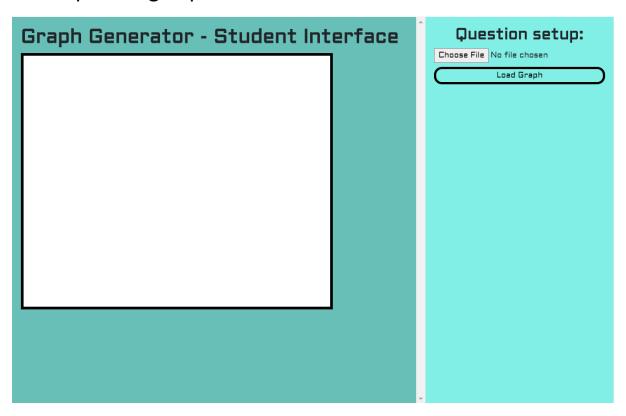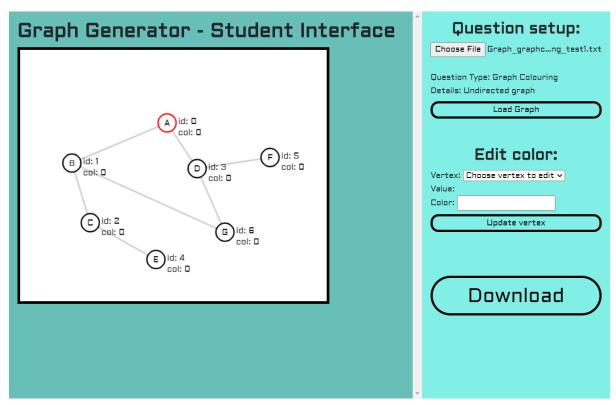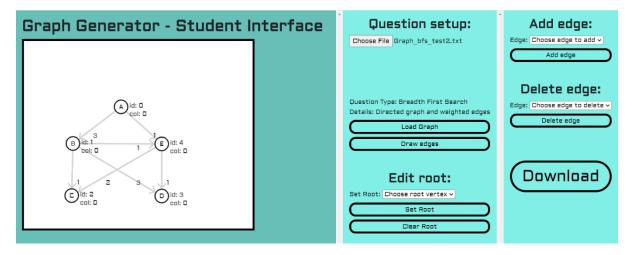**Graph Generator - Student Interface**

On opening the Graph Generator, you'll see a page including the drag-and-drop area and a prompt to choose a file. Click the "Choose File" button to upload the question file (.txt) that your instructor has provided, and then click "Load Graph" to load the question and populate the drag-and-drop area. You should then see a screen similar to the following:

Graph Generator - Student Interface

A id: 0
   col: 0

B id: 1
   col: 0

F id: 5
   col: 0

D id: 3
   col: 0

C id: 2
   col: 0

G id: 6
   col: 0

E id: 4
   col: 0

Question setup:

Choose File Graph_graphc...ng_test1.txt

Question Type: Graph Colouring
Details: Undirected graph

Load Graph

Edit color:

Vertex: Choose vertex to edit ⌄
Value:
Color:

Update vertex

Download

- ## Completing the question

After loading the question, you should see the question type, any extra details (whether the graph is weighted and/or directed), and tools to edit the graph to answer the question:

- o Edit root:

Select a vertex from the dropdown list to mark it as the root node of your graph.

- o Add edge:

Select an edge from the dropdown list to add between two existing edges.

- o Delete edge:

Select an edge from the dropdown list to delete an existing edge.

- # Downloading/checking your answer

If your instructor has set the question for submission/testing, click on the "Download" button to download a text file with a representation of your answer graph. Upload/submit this to the instructor for marking.

If your instructor has set the question for practice, you can click the "Submit" button to check your answer in the Graph Generator.