

# Graphs with Tikz

Credit: <https://github.com/HasibLearntogrow/LatexPractice>

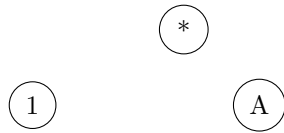
January 21, 2025

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## 1 Nodes:

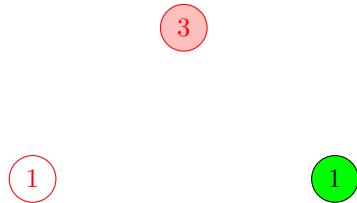
### 1.1 Normal Node:



### 1.2 Normal Nodes with various shapes:



### 1.3 Normal Nodes with filled color and face color:

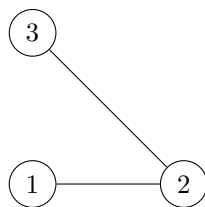


### 1.4 A solid node with outside title:

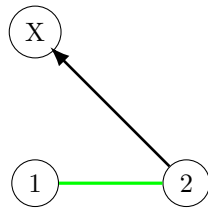


## 2 Edges:

### 2.1 Normal edge between two or more nodes:



**2.2** Normal edge with arrow and color between two or among more nodes:



**2.3** Curved edge with arrow between two or among more node:

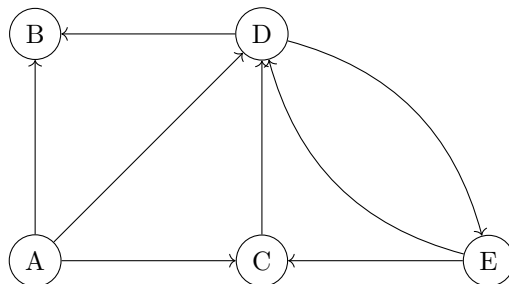


**2.4** Self loop in any node:

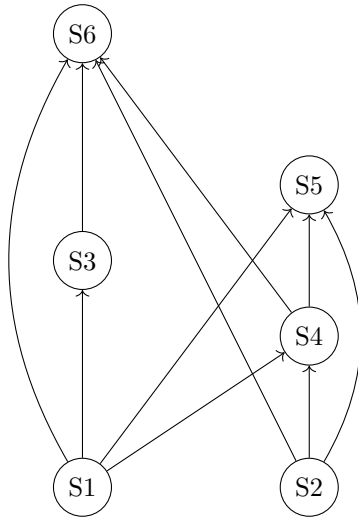


### 3 Practice:

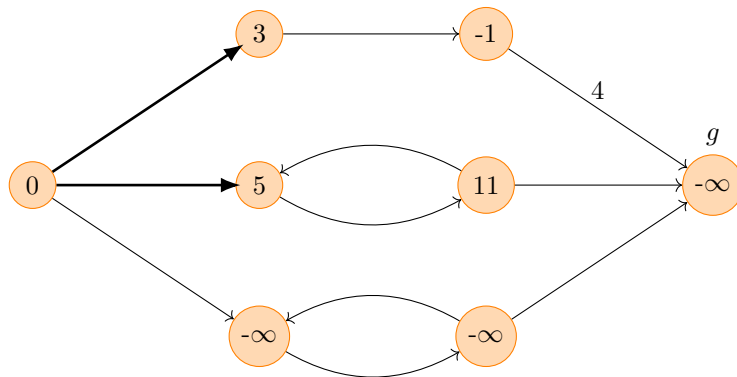
#### 3.1 Practice 01:



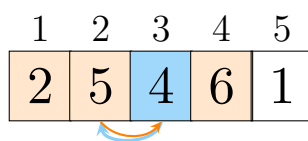
### 3.2 Practice 01:



### 3.3 Practice 02:



### 3.4 Practice 03:



### 3.5 Practice 04:

