

# Drawing Graphs with Tikz

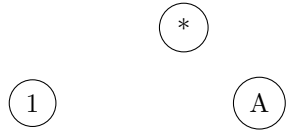
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## Contents

## 1 Create Node

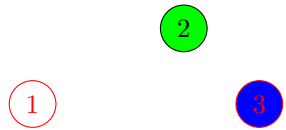
### 1.1 Create Normal Node:



### 1.2 Create Normal Node with various shape:



### 1.3 Create Normal Node with fill color and face color:

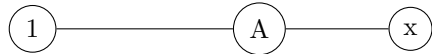


### 1.4 Create a solid node with outside title:

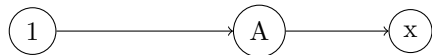


## 2 Create Edge:

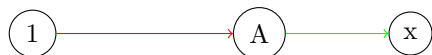
### 2.1 Normal edge between two node or more node:



### 2.2 Normal edge with arrow between two node or more node:



### 2.3 Normal edge with arrow and color between two node or among more node:



**2.4** Curve edge with arrow between two node or among more node:

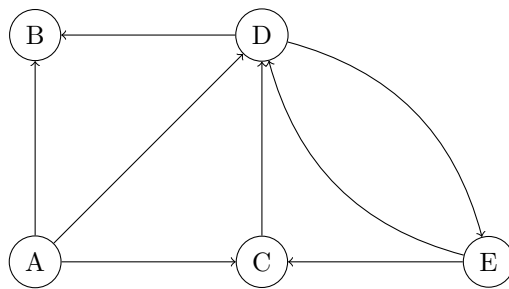


**2.5** Create a self loop in any node:

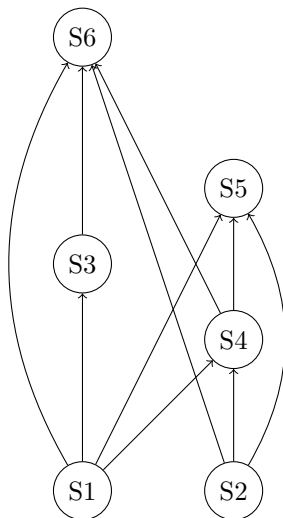


### **3 Practice section**

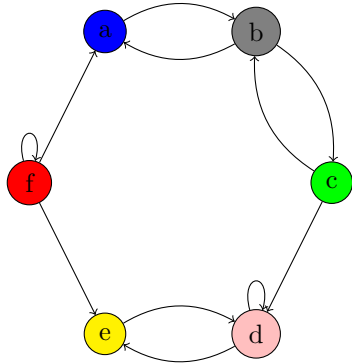
#### **3.1 practice-1**



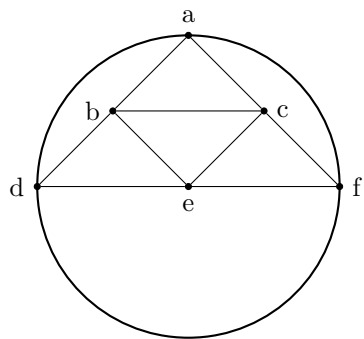
#### **3.2 practice-2**



### 3.3 practice-3



### 3.4 Practice-4



### 3.5 Practice-4

