

# TikZ by *KAZ*

December 30, 2024

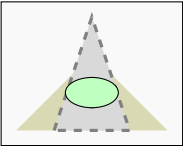
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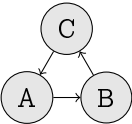
1 Table

Name	ID	Year	Hall
Debashish	23701034	2nd	A Hall
Miskat	21701052	2nd	A Hall
Sabrina	21701072	2nd	A Hall
Sumaiya	21701025	2nd	A Hall

2 Drawing shapes



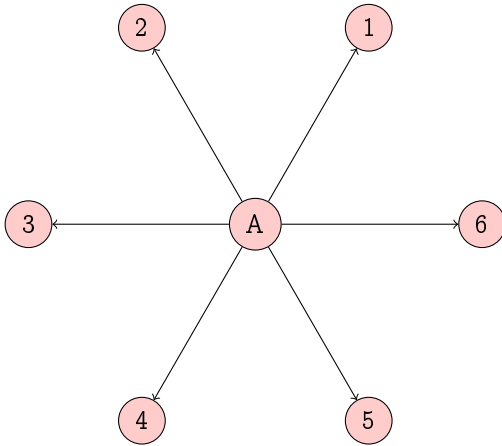
3 Connecting node like a triangle



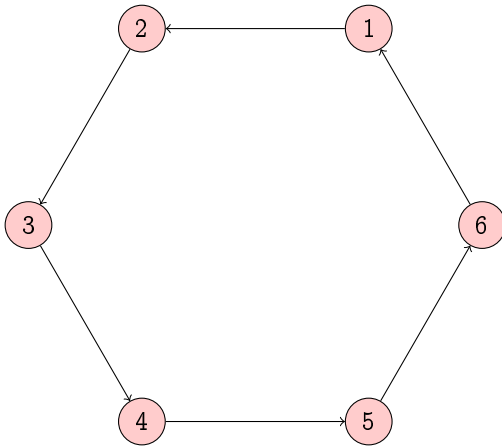
4 Using loop to draw multiple nodes



## 5 Connect circular nodes with arrows from centre



## 6 Connect circular nodes with arrows as a circle



### 6.1 LaTeX code:

```
1 \begin{tikzpicture}
2   \foreach \n in {1, 2, ..., 6} \node[circle,draw,fill=
   red!20] (\n) at (60*\n:3) {\n};
3   \foreach \n [count=\next from 2] in {1, 2, ..., 6} {
4     \ifnum\n=6
5       \break % Fake "break" (prevents further
               drawing but technically still iterates)
6     \else
```

```
7         \draw[->] (\n) -- (\next);
8         \fi
9     }
10    % Manually connect last node back to first
11    \draw[->] (6) -- (1);
12 \end{tikzpicture}
```