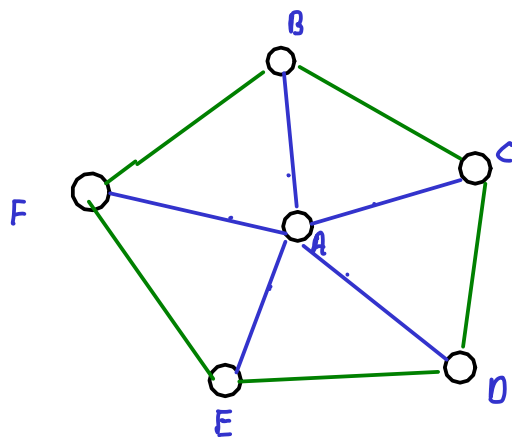


Some scribbles from the Wednesday class (22 Jan 2025)



Node	Degree
A	5
B	3
C	3
D	3
E	3
F	3

Degree Sum = 20

Average degree is $\frac{20}{6} = 3\frac{1}{3}$.

Aside: Could have worked out the degree sum without checking each node...

$E_4 = [(x, y) \text{ for } x \text{ in nodes for } y \text{ in } X \text{ if } x < y]$

$$E_4 = \{ (x, y) \mid x \in X, y \in X, x < y \}$$

