

# CSE 101 – Nov 13, 2019 (Week 7)

Notes provided by Ben Sihota bsihota@ucsc.edu

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## Class Notes

- PA4 posted
- Don't convert the base to base<sub>10</sub>
- PA3 extended 3 days

## DFS – Depth First Search

**Attributes:**  $x \in V(G)$

- color[x]:
- p[x]: Parent
- d[x]: Discover time
- f[x]: Finish time

**Global var:** time

- $0 \leq \text{time} \leq 2n$

**Two functions:**

- DFS()
- Visit()

*I recommend you look at the Graph Algorithms handout for the pseudocode and table*