# CMPM 146 Programming Assignment 2

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NODES: VANILLA vs. VANILLA

Blue @ 10 Nodes Red @ 1000 Nodes

Final win counts: {'red': 51, 'blue': 49}

3.150307683652244 seconds

Blue @ 100 Nodes Red @ 1000 Nodes

Final win counts: {'blue': 46, 'red': 54}

34.02490929908645 seconds

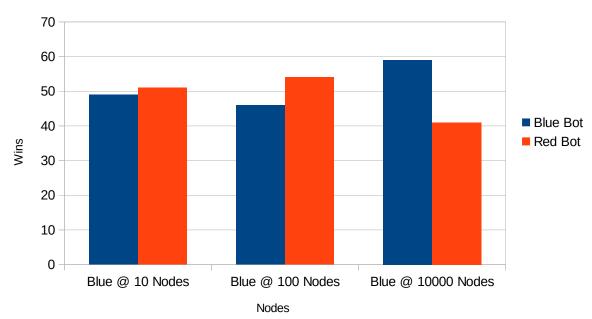
Blue @ 10000 Nodes Red @ 1000 Nodes

Final win counts: {'blue': 59, 'red': 41}

3645.668501465812 seconds

### Wins vs Nodes

### Vanilla Blue vs. Vanilla Red



### NODES: VANILLA vs. MODIFIED

Vanilla @ 1000 Mod @ 1000

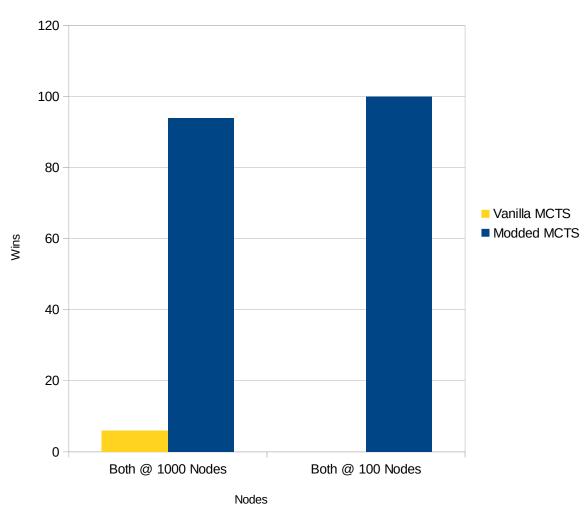
Final win counts: {'Vanilla': 6, 'Mod': 94}

Vanilla @ 100 Mod @ 100

Final win counts: {'Vanilla': 0, 'Mod': 100}

## Nodes vs. Wins

### Vanilla vs. Modded



### TIME: VANILLA vs. MODIFIED

1 Round, 1 Second

Mod Wins

Mod Total Tree: 12,000+ Nodes Vanilla Total Tree: 44,000+ Nodes

1 Round, 10 seconds

Mod Wins

Mod Total Tree: 117,000+ Nodes Vanilla Total Tree: 616,000+ Nodes

## Time vs. Tree Size

### Vanilla vs. Modded

