

CISC124 - Today's Topics

- 2D dimensional arrays
- Ragged arrays
- Aliasing
- System properties

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2D arrays

- 2D rectangular arrays:

8	1	6
3	5	7
4	9	2

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2D ragged arrays

- 2D ragged arrays:

8	1	6	10	15	20	25	30	50	80
3	5								
4	9	2	10	12					

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Aliasing

- 2D ragged arrays:

```

graph TD
    B1[B1] --> C1[C1]
    B2[B2] --> C2[C2]
    B3[B3] --> C3[C3]
    B4[B4] --> C4[C4]
    B5[B5] --> C5[C5]
    style B1 fill:#ccc,stroke:#000,stroke-width:1px
    style B2 fill:#ccc,stroke:#000,stroke-width:1px
    style B3 fill:#ccc,stroke:#000,stroke-width:1px
    style B4 fill:#ccc,stroke:#000,stroke-width:1px
    style B5 fill:#ccc,stroke:#000,stroke-width:1px
    style C1 fill:#ccc,stroke:#000,stroke-width:1px
    style C2 fill:#ccc,stroke:#000,stroke-width:1px
    style C3 fill:#ccc,stroke:#000,stroke-width:1px
    style C4 fill:#ccc,stroke:#000,stroke-width:1px
    style C5 fill:#ccc,stroke:#000,stroke-width:1px
    B1 --- C1
    B2 --- C2
    B3 --- C3
    B4 --- C4
    B5 --- C5
    C1 --- C5
    style B1 fill:#ccc,stroke:#000,stroke-width:1px
    style B2 fill:#ccc,stroke:#000,stroke-width:1px
    style B3 fill:#ccc,stroke:#000,stroke-width:1px
    style B4 fill:#ccc,stroke:#000,stroke-width:1px
    style B5 fill:#ccc,stroke:#000,stroke-width:1px
    style C1 fill:#ccc,stroke:#000,stroke-width:1px
    style C2 fill:#ccc,stroke:#000,stroke-width:1px
    style C3 fill:#ccc,stroke:#000,stroke-width:1px
    style C4 fill:#ccc,stroke:#000,stroke-width:1px
    style C5 fill:#ccc,stroke:#000,stroke-width:1px
    B1 --- C1
    B2 --- C2
    B3 --- C3
    B4 --- C4
    B5 --- C5
    C1 --- C5
  
```

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