Oregon State University

# Title

Subtitle

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soundbendor lab

# Block Example

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**Block Title**

Some block text.

**Example**

Some example text.

**Definition**

Some definition text.

**Alert Block Title**

Some alertblock text.

# List Examples

1. enum default one
2. enum default two
3. enum default three

a. enum alpha one
b. enum alpha two
c. enum alpha three

I. enum roman one
II. enum roman two
III. enum roman three

- item one
  - subitem one
    - subsubitem one
    - subsubitem two
    - subsubitem three
  - subitem two
  - subitem three
- item two
- item three

**label1** description one
**label2** description two
**label3** description three

# OSU Colors

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- Beaver
- Paddletail
- Pine Stand
- High Tide
- Luminance
- Stratosphere
- Reindeer Moss
- Seafoam
- Candela
- Moondust
- Hop Bine
- Rogue Wave
- Solar Flare
- Star Canvas
- Till
- Coastline
- High Desert
- Crater

# Two Column Example

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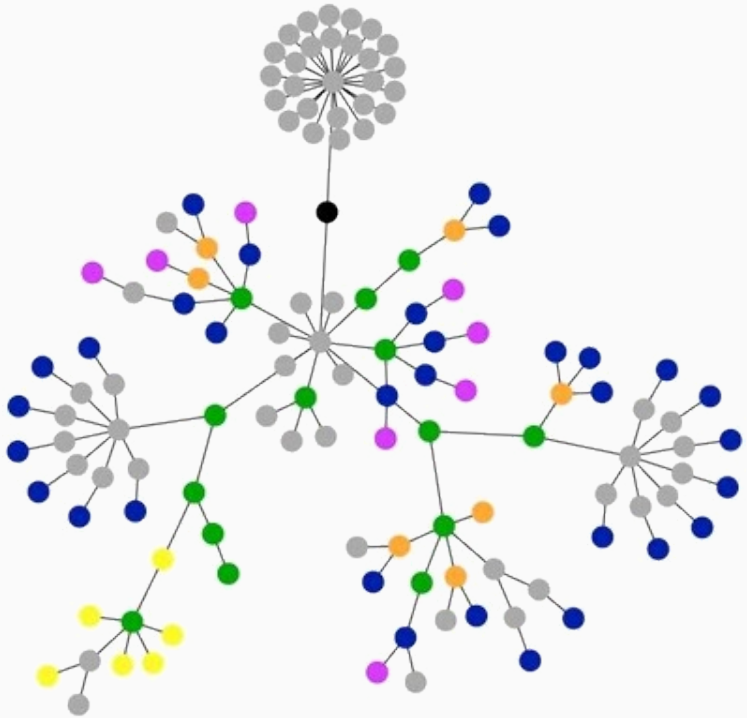
## Column One

| n | n! |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 6 |
| 4 | 24 |
| 5 | 120 |
| 6 | 720 |
| 7 | 5040 |
| 8 | 40320 |
| 9 | 362880 |
| 10 | 3628800 |

This is a table.

## Column Two



This is a figure.

# Formula Example

$$\frac{1}{n}\sin x = ?$$

$$\frac{1}{\not{n}}\sin\not{x} = ?$$

$$\text{six} = 6$$

Expand $(a+b)^n$:

$$(a+b)^n$$

$$(a\ +\ b)^n$$

$$(a\ \ +\ \ b)^n$$

$$(a\ \ \ +\ \ \ b)^n$$

$$\begin{bmatrix} \cos 90^\circ & \sin 90^\circ \\ -\sin 90^\circ & \cos 90^\circ \end{bmatrix} \begin{bmatrix} a1 \\ a2 \end{bmatrix} = \begin{bmatrix} a1 \\ a2 \end{bmatrix}$$

# Syntax Highlighting Example

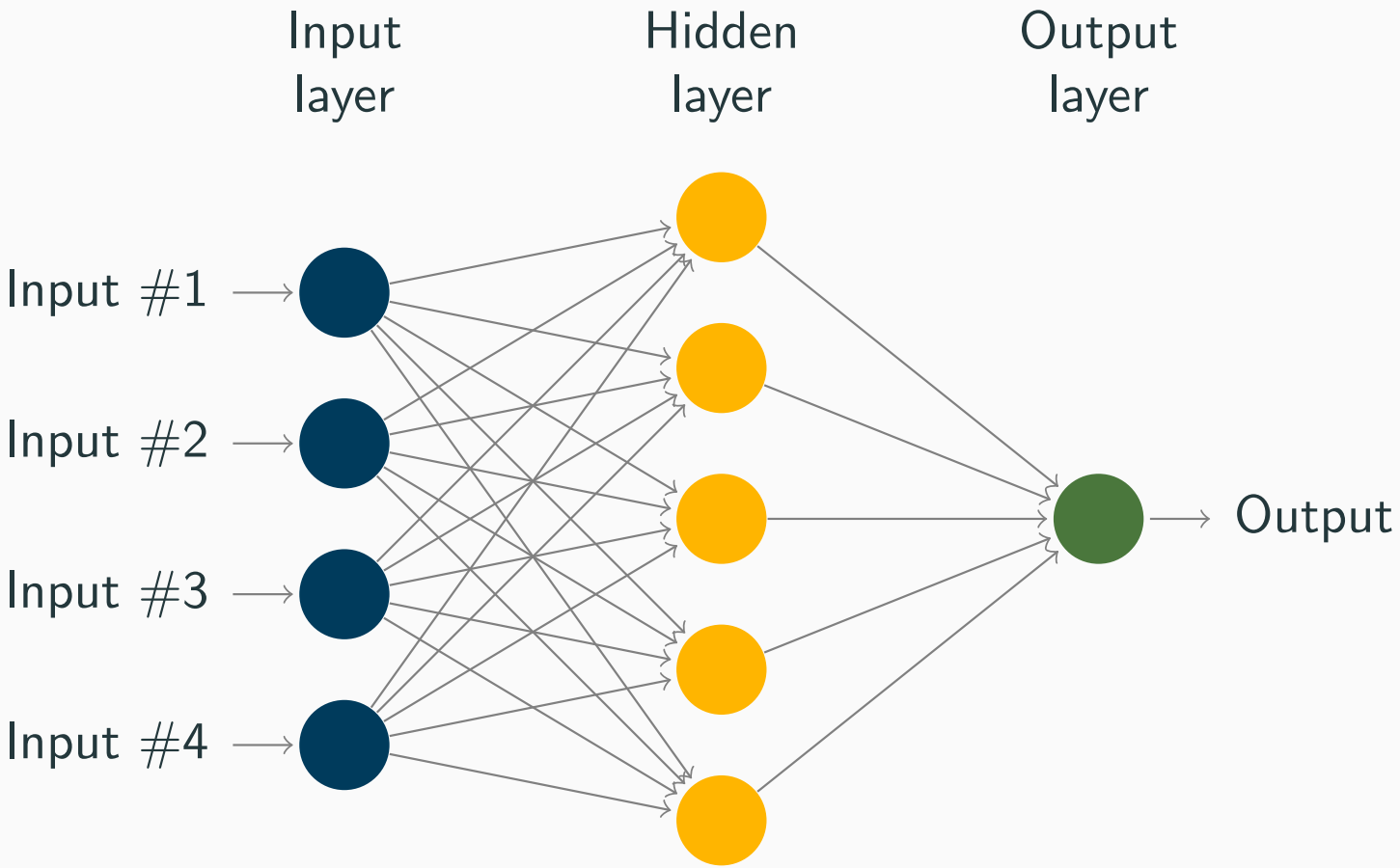
```
/******  A Love Poem in C  ******/
char*lie;
    double time, me= !0XFACE,
    not; int rested, get, out;
    main(ly, die) char ly,**die ;{
        signed char lotte,

dear; (char)lotte--;
    for(get= !me;; not){
    1 -  out & out ;lie;{
    char lotte, my= dear,
    **let= !!me *!not+ ++die;
        (char*)(lie=

"The gloves are OFF this time,
    I detest you, snot\n\0sed GEEK!");
    do {not= *lie++ & 0xF00L* !me;
    #define love (char*)lie -
    love 1s *!(not= atoi(let
    [get -me?
         (char)lotte-            ...
```

A Love Poem in C, by Brian Westley (1990)

# tikz Example



# Embedding a Sound File

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## Loop Invariants

by *J.P. Dougherty*

Play

*Loop invariants, loop invariants*
*Keep me on the road,*
*Loop invariants, loop invariants*
*As I write my code.*

*Preconditions, postconditions,*
*Help to shed some light.*
*Assertions used to write the loop*
*Will help me get it right.*

*Loop invariants, loop invariants*
*They can be a pain.*
*Loop invariants, loop invariants*
*Oh, but what I gain.*

*Executing, substituting,*
*Each does complement.*
*Code correctness is the goal*
*Of loop invariants.*

This is how to implement a blank frame.