Beamer Tutorial
CS 213: SS Lab

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Dep. of Comp. Sci. and Eng, IIT Dharwad

September 10, 2020

Overlays
○○○○○○○

Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

Table of Contents

\pause

This is the first slide of this frame

This is the 2nd slide of the this frame

These are created using \pause command

This is the 4th slide with alert

\pause

This is the first slide of this frame
This is the 2nd slide of the this frame
These are created using \pause command
This is the 4th slide with alert

\pause

This is the first slide of this frame
This is the 2nd slide of the this frame
These are created using \pause command

\pause

This is the first slide of this frame
This is the 2nd slide of the this frame
These are created using \pause command
This is the 4th slide with alert

\item

1. This is first element of a list
   - But it might start to look silly
   - This has been done using the \item of the list

2. So do remember

\item

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   - But it might start to look silly
   - This has been done using the \item of the list
2. So do remember

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   - This has been done using the \item of the list

2. So do remember

\item

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   - But it might start to look silly
   - This has been done using the \item of the list

2. So do remember

   Word 1 This is the definition of the word 1.
   Word 2 This is the definition of the word 2.

\item

1. This is first element of a list
   - But it might start to look silly
   - This has been done using the \item of the list

2. So do remember

   Word 1 This is the definition of the word 1.

   Word 2 This is the definition of the word 2.

\item

1. This is first element of a list
   - But it might start to look silly
   - This has been done using the \item of the list

2. So do remember

   Word 1 This is the definition of the word 1.
   Word 2 This is the definition of the word 2.

\onslide

Default Text

- First Choice
- Second Choice
- Third Choice

Default onslide

First onslide
Second onslide
Third onslide

\onslide

Default Text

- First Choice
- Second Choice
- Third Choice

Default onslide
First onslide
Second onslide
Third onslide

\onslide

Default Text

- First Choice
- Second Choice
- Third Choice

Default onslide
First onslide
Second onslide
Third onslide

\onslide

Default Text

- First Choice
- Second Choice
- Third Choice

Default onslide
First onslide
Second onslide
Third onslide

\only

Only on the 1-2 slide

\only

Only on the 1-2 slide
Only on 2-4 slides

Overlays
○○○●○○○

Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

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Only on the 3rd slide
Only on 2-4 slides
Only on 3-4 slides

Overlays
○○○●○○○

Hyperlinks
○

Structures
○○

Tables
○○

Transitions
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Maths
○○○

Lists
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\only

Only on 2-4 slides
Only on 3-4 slides

\uncover

Testblock1

Sample Text 1

Testblock2

Sample Text 2

Testblock3

Sample Text 3

\uncover

Testblock1
Sample Text 1

Testblock2
Sample Text 2

Testblock3
Sample Text 3

\uncover

Testblock1

Sample Text 1

Testblock2

Sample Text 2

Testblock3

Sample Text 3

Overlays
○○○○○●○

Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

\color

Cyan color slide 1-2
Orange color from slide 2-4
Blue color from slide 4
Red color from slide 3

Overlays
○○○○○●○

Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

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Cyan color slide 1-2
Orange color from slide 2-4
Blue color from slide 4
Red color from slide 3

Overlays
○○○○○●○
Hyperlinks
○
Structures
○○
Tables
○○
Transitions
○○○
Maths
○○○
Lists
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Cyan color slide 1-2
Orange color from slide 2-4
Blue color from slide 4
Red color from slide 3

Overlays
○○○○○●○

Hyperlinks
○

Structures
○○

Tables
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Transitions
○○○

Maths
○○○

Lists
○

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Cyan color slide 1-2
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Overlays
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Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

\alert

This is alert

This is a part of sentence that is alert.

Overlays
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Hyperlinks
○

Structures
○○

Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

\alert

This is alert
This is a part of sentence that is alert.

Hyperlinks

www.google.com

This is a hypertext

▸ Go to the Previous Frame

\block

Example-block title

This is the Example-Block Title

Block title

This is the Block Title

Alert-block title

This is the Alert-Block Title

\block

Example-block title

This is the Example-Block Title

Block title

This is the Block Title

Alert-block title

This is the Alert-Block Title

Overlays
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Hyperlinks
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Structures
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Tables
○○

Transitions
○○○

Maths
○○○

Lists
○

\block

> ### Example-block title
> This is the Example-Block Title

> ### Block title
> This is the Block Title

> ### Alert-block title
> This is the Alert-Block Title

Overlays
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Hyperlinks
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Structures
○●

Tables
○○

Transitions
○○○

Maths
○○○

Lists
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\columns

Left column

The Earth

Middle column

Sample Text

Right column

Sample Text 2

Overlays
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Hyperlinks
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Structures
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Tables
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Transitions
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Maths
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Lists
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\columns

Left column

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Middle column

Sample Text

Right column

Sample Text 2

Overlays
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Hyperlinks
○

Structures
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Tables
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Transitions
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Maths
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Lists
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\columns

Left column

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Sample Text

Right column

Sample Text 2

Tables Using \pause

Table: Test-Table

1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
4,1	4,2	4,3	4,4

Tables Using \pause

Table: Test-Table

1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
4,1	4,2	4,3	4,4

Tables Using \pause

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1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
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Tables Using \pause

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2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
4,1	4,2	4,3	4,4

Tables using \onslide

Test Table 2 (Column by Column)

1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
4,1	4,2	4,3	4,4

Tables using \onslide

<p style="text-align:center; color:red;">Test Table 2 (Column by Column)</p>

1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
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Tables using \onslide

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2,1	2,2	2,3	2,4
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Tables using \onslide

Test Table 2 (Column by Column)

1,1	1,2	1,3	1,4
2,1	2,2	2,3	2,4
3,1	3,2	3,3	3,4
4,1	4,2	4,3	4,4

\transdissolve

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rutrum augue a leo. Morbi sed elit sit amet ante lobortis
sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus,
aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit
amet ipsum. Nunc quis urna dictum turpis accumsan semper.

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Hyperlinks
○

Structures
○○

Tables
○○

Transitions
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Maths
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Lists
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lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin.
Praesent imperdiet mi nec ante. Donec ullamcorper, felis non
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sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus,
aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit
amet ipsum. Nunc quis urna dictum turpis accumsan semper.

An Algorithm For Printing Array in Reverse.

```cpp
int main ()
{
 std::vector<int> arr (100);
 for (int i = 0; i < 100; i++)
 {
 std::cin>> arr[i];
 }
 for (int j = 99; j >= 0 ;j--)
 std::cout<<a[j]<<" ";

 return 0;
}
```

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Overlays
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Hyperlinks
○

Structures
○○

Tables
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Transitions
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Maths
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Lists
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Maths
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}
```

Theorem

Pythagoras Theorem

The area of the square whose side is the hypotenuse (the side opposite the right angle) is equal to the sum of the areas of the squares on the other two sides.

$$a^2 + b^2 = c^2 \tag{1}$$

where c represents the length of the hypotenuse and a and b the lengths of the triangle's other two sides.

Multiline Equation

$$
\begin{aligned}
h &= \sqrt{(a+b)^2 - 4ab} \\
&= \sqrt{(a-b)^2} \\
&= |a-b|
\end{aligned}
\tag{2}
$$

Multiline Equation

$$h = \sqrt{(a+b)^2 - 4ab}$$
$$= \sqrt{(a-b)^2}$$
$$= |a - b|$$

(2)

Multiline Equation

$$\begin{aligned} h &= \sqrt{(a+b)^2 - 4ab} \\ &= \sqrt{(a-b)^2} \\ &= |a-b| \end{aligned} \qquad (2)$$

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.

1. Some random text.

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.
1. Some random text.

Overlays
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Maths
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Lists
•

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.

1. Hey Everyone
2. Some random text.

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.

1. Did anyone notice the alert on the previous slide
2. Some random text.

   LOL   Uncovered from slide 5.
   ROFL Some random text again

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.

1. Did anyone notice the alert on the previous slide
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   LOL Uncovered from slide 5.

   ROFL Some random text again.

Lists

The list of items are as follows:

- Some random text.
- Some random text 2.

1. Did anyone notice the alert on the previous slide
2. Some random text.

    LOL Uncovered from slide 5.

  ROFL Some random text again.