

# Assignment

## CS 213, Software Systems Lab

Hamsini  
Computer Science and Engineering  
210010038@iitdh.ac.in

Indian Institute of Technology, Dharwad

August 9, 2022.

Hello, this is our first frame. Here you can find info about IIT Dharwad at the below mentioned link. [www.iitdh.ac.in](http://www.iitdh.ac.in) or by clicking the following IIT Dharwad name.

You can find info about super heroes by clicking at the following button. [▶ Super Heroes](#)

You can find info about mathematicians by clicking the following button. [▶ Mathematician](#)



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures

## Theorem: Magic

My name is Alt Temporal. I can do magic by changing myself in different slides.

## The Truth

No don't trust him he doesn't do magic.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures

## Theorem: Magic

I have done the magic. You should have trusted me earlier before I have done the magic.

## The Truth

I was just joking, The above person actually does the magic and also I can do it.



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures with columns

## Alert Column

Remain alert for the red light.

## Test your Skills

There won't be any blue light at the signal.

## To Go

Green light means to go past.

## Extra Info

Green is also the color of this example block.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures with columns

## Alert Column

Remain alert for the red light.

## Test your Skills

There won't be any blue light at the signal.

## To Go

Green light means to go past.

## Extra Info

Green is also the color of this example block.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures with columns

## Alert Column

Remain alert for the red light.

## Test your Skills

There won't be any blue light at the signal.

## To Go

Green light means to go past.

## Extra Info

Green is also the color of this example block.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Structures with columns

## Alert Column

Remain alert for the red light.

## Test your Skills

There won't be any blue light at the signal.

## To Go

Green light means to go past.

## Extra Info

Green is also the color of this example block.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Table Frame 1

Our Sir in Google Meet	Student A	
	Student B	
Student C	Student D	Student E

Table: Google Meet Interface as a Table with Teacher

The table number shows teacher interacting with students in Google Meet interface.



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 1

Our Sir in Google Meet	Student A	
	Student B	
Student C	Student D	Student E

Table: Google Meet Interface as a Table with Teacher

The table number shows teacher interacting with students in Google Meet interface.



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 1

Our Sir in Google Meet	Student A	
	Student B	
Student C	Student D	Student E

**Table:** Google Meet Interface as a Table with Teacher

The table number shows teacher interacting with students in Google Meet interface.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

## Table Frame 2

Students	
A	B

**Table:** Google Meet Interface without Teacher

The table number shows students in Google Meet interface.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 3

Table: My Sample Table

Value 1	Value 2	Value 3	Value 4
1	5	6	8
2	9	11	13
3	58	23	62

This is a sample table consisting of random things



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 3

Table: My Sample Table

Value 1	Value 2	Value 3	Value 4
1	5	6	8
2	9	11	13
3	58	23	62

This is a sample table consisting of random things



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 3

Table: My Sample Table

Value 1	Value 2	Value 3	Value 4
1	5	6	8
2	9	11	13
3	58	23	62

This is a sample table consisting of random things



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 3

Table: My Sample Table

Value 1	Value 2	Value 3	Value 4
1	5	6	8
2	9	11	13
3	58	23	62

This is a sample table consisting of random things



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Table Frame 4

Table: Students and their Marks

Sub	A	B	C	D
Mat	35	62	93	24
Phy	32	41	56	96
Che	55	83	58	92



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 4

Table: Students and their Marks

Sub	A	B	C	D
Mat	35	62	93	24
Phy	32	41	56	96
Che	55	83	58	92



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 4

Table: Students and their Marks

Sub	A	B	C	D
Mat	35	62	93	24
Phy	32	41	56	96
Che	55	83	58	92



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Table Frame 4

Table: Students and their Marks

Sub	A	B	C	D
Mat	35	62	93	24
Phy	32	41	56	96
Che	55	83	58	92



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Transition 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



॥ विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

## Transition 2

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

## Transition 3

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

## Transition 4

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.



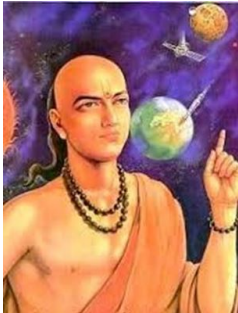
॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Great Mathematicians

This frame shows pictures of Great Mathematicians.



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Mathematics

Mathematics is a subject that we learn in the class. This is what you may have known. But it's something else. It's a world of numbers.

Mathematics consists of

- 1) Theorem or Proofs
- 2) Equations



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Mathematics

Mathematics is a subject that we learn in the class. This is what you may have known. But it's something else. It's a world of numbers.

Mathematics consists of

- 1) Theorem or Proofs
- 2) Equations



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Mathematics

Mathematics is a subject that we learn in the class. This is what you may have known. But it's something else. It's a world of numbers.

Mathematics consists of

- 1) Theorem or Proofs
- 2) Equations

This is the last slide of Mathematics Intro



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Theorems or Proofs 1

Theorem: The Most Complicated One

$$(a + b)^2 = a^2 + b^2 + 2ab$$

Proof:

$$\begin{aligned}(a + b)^2 &= (a + b)(a + b) \\ &= a^2 + ab + ba + b^2 \\ &= a^2 + b^2 + 2ab\end{aligned}$$



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Theorems or Proofs 2

Theorem: The Second Most Complicated One

$$(a - b)^2 = a^2 + b^2 - 2ab$$

Proof:

$$\begin{aligned}(a - b)^2 &= (a - b)(a - b) \\ &= a^2 - ab - ba + b^2 \\ &= a^2 + b^2 - 2ab\end{aligned}$$



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Theorem Other Way

## Theorem

*Multiplication is not Commutative in Matrices.*

## Proof.

$AB$  is not equal to  $BA$ .



॥ सा विद्या या विमुक्तये ॥  
भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Equation -1

This frame will consist of a multiline equation as follows:

Our Multiline Equation:

Area of Circle

$$\begin{aligned} A &= \pi r^2 \\ &= \frac{\pi d^2}{4} \end{aligned} \tag{1}$$



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Equation -1

This frame will consist of a multiline equation as follows:

Our Multiline Equation:

Area of Circle

$$\begin{aligned} A &= \pi r^2 \\ &= \frac{\pi d^2}{4} \end{aligned} \tag{1}$$



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

## Equation -2

This frame will consist of onemore multiline equation as follows:

Our Multiline Equation:

Einstein's Equation

$$E = mc^2$$

See magic converts single line eqn to multi line eqn



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Equation -2

This frame will consist of onemore multiline equation as follows:

Our Multiline Equation:

Einstein's Equation

$$\begin{aligned} E &= mc^2 \\ &= (\sqrt{mc})^2 \end{aligned}$$

See magic converts single line eqn to multi line eqn

See I said no, I know magic, you should agree



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our First List using itemize

Hello

- This is the first list item
- This is the second list item
- This is the final list item which will be visible in all slides of the frame



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our First List using itemize

Hello

- This is the first list item
- This is the second list item
- This is the final list item which will be visible in all slides of the frame



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our Second List using enumerate

Well known famous People

- 1 Aryabhata
- 2 Einstein
- 3 Newton
- 4 Bohr

You can find more info about them by clicking on their names  
or by searching at Google



॥ वा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our Second List using enumerate

Well known famous People

- 1 Aryabhata
- 2 Einstein
- 3 Newton
- 4 Bohr

You can find more info about them by clicking on their names  
or by searching at Google



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our Second List using enumerate

Well known famous People

- 1 Aryabhatta
- 2 Einstein
- 3 Newton
- 4 Bohr

You can find more info about them by clicking on their names  
or by searching at Google



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Our Second List using enumerate

Well known famous People

- 1 Aryabhatta
- 2 Einstein
- 3 Newton
- 4 Bohr

You can find more info about them by clicking on their names  
or by searching at Google



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our Third List using Description

Iron Man His speciality is he wears a iron man suit.

Thor He has a hammer.

Vivek He know's how to use Beamer.

Hereby all our lists are also completed



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Our Third List using Description

**Iron Man** His speciality is he wears a iron man suit.

**Thor** He has a hammer.

**Vivek** He know's how to use Beamer.

Hereby all our lists are also completed



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

# Our Third List using Description

Iron Man His speciality is he wears a iron man suit.

Thor He has a hammer.

Vivek He know's how to use Beamer.

Hereby all our lists are also completed



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Our Final Frame that has Different Slides

This frame is dedicated to the Beamer and people of IIT Dharwad who are using it.

This is our final frame, and it says that all the given tasks are completed by:

To go back to the first frame after title click the following button.

◀ Our First Frame



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad



# Our Final Frame that has Different Slides

This frame is dedicated to the Beamer and people of IIT Dharwad who are using it.

This is our final frame, and it says that all the given tasks are completed by:

To go back to the first frame after title click the following button.

◀ Our First Frame



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड  
Indian Institute of Technology Dharwad

