

Title

Name

Southern University of Science and Technology

November 16, 2018



# Outline



- 1 Lists
  - Itemize
  - Pause
  - Enumerate
  - Enumerate (Roman Numerals)
- 2 Columns
  - Columns
- 3 Figures
  - Figures
- 4 Description
  - Description
- 5 Tables
  - Tables
- 6 Blocks
  - Blocks
- 7 Definition

# Lists - Itemize



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D



# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Itemize with Pause



- Point A
- Point B
  - part 1
  - part 2
- Point C
- Point D

# Lists - Enumerate



- ① Point A
- ② Point B
  - ① part 1
  - ② part 2
- ③ Point C
- ④ Point D

# Lists - Enumerate (Roman Numerals)



- (I) Point A
- (II) Point B
  - (i) part 1
  - (ii) part 2
- (III) Point C
- (IV) Point D

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# Columns

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit, sed do  
eiusmod tempor incididunt ut labore  
et dolore magna aliqua.

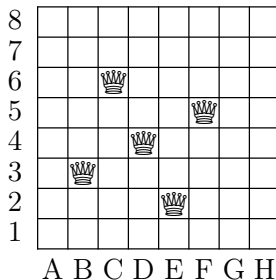
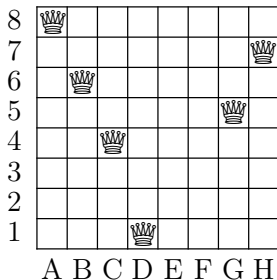
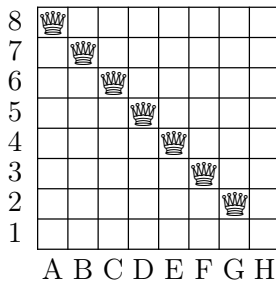
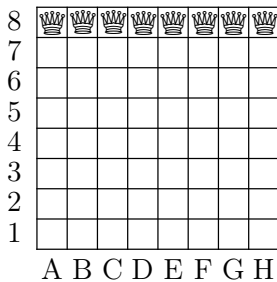
Lorem ipsum dolor sit amet,  
consectetur adipisicing elit, sed do  
eiusmod tempor incididunt ut labore  
et dolore magna aliqua.

# Outline



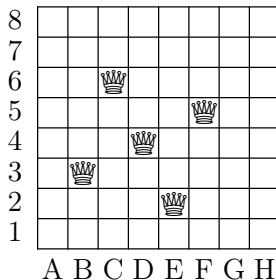
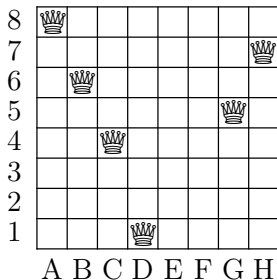
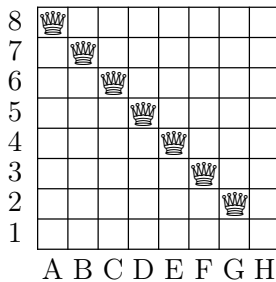
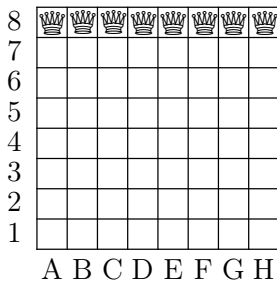
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# Domination on a Chessboard

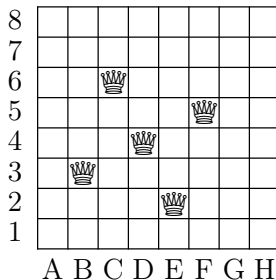
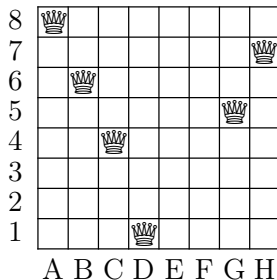
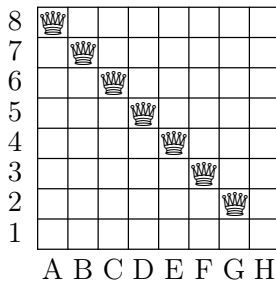
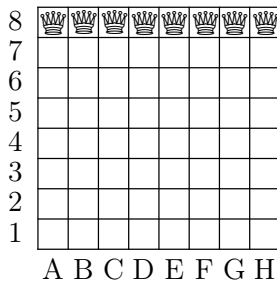




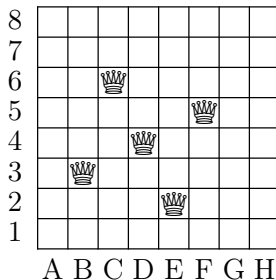
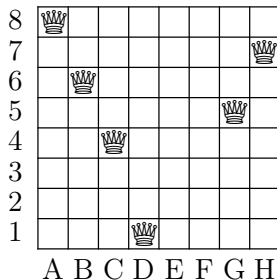
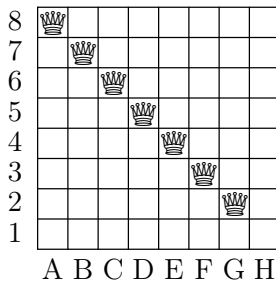
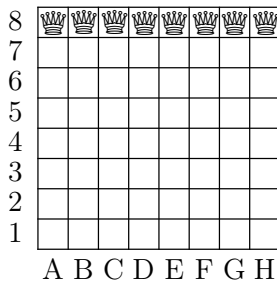
# Domination on a Chessboard



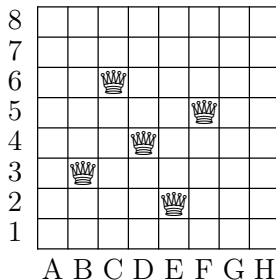
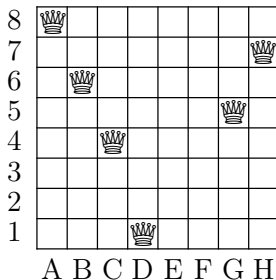
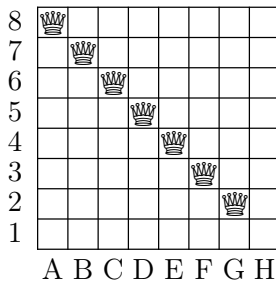
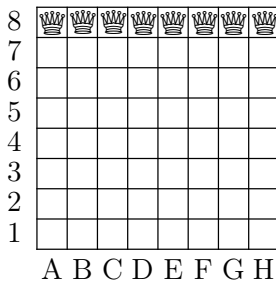
# Domination on a Chessboard



# Domination on a Chessboard



# Domination on a Chessboard



# Single figure with caption

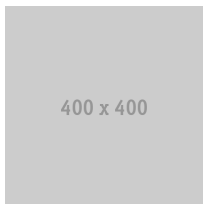


Figure 1: This is an caption!

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# Description Environment



**API** Application Programming Interface

**LAN** Local Area Network

**ASCII** American Standard Code for Information Interchange

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# Tables

Competitor Name	Swim	Cycle	Run	Total
John T	13:04	24:15	18:34	55:53
Norman P	8:00	22:45	23:02	53:47
Alex K	14:00	28:00	n/a	n/a
Sarah H	9:22	21:10	24:03	54:35

Table 1: Triathlon results

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# Blocks

## Block Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

## Alert Block Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

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# Definition



Then there's the definition environment which produces a standard color block but with the title already specified as 'definition'.

```
\begin{definition}
```

A prime number is a number that...

```
\end{definition}
```

## Definition 1

A prime number is a number that...

# Custom definition



You can also use the custom definition defined in “slides/usrdef.tex”, for example

```
\begin{defn}  
A prime number is a number that...  
\end{defn}
```

## Definition 7.1

A prime number is a number that...

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# Example



Next there's the example environment which produces a block with the title 'Example'.

```
\begin{example}  
Lorem ipsum dolor sit amet...  
\end{example}
```

## Example 2

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

As definition, you can also use the custom one “examp” which is defined in “slides/usrdef.tex”.



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# Theorem



There is also a group of blocks that are especially useful for presenting mathematics. For example the ‘theorem’ environment, the ‘corollary’ environment and the ‘proof’ environment.

```
\begin{theorem}[Pythagoras]
```

$$a^2 + b^2 = c^2$$

```
\end{theorem}
```

```
\begin{corollary}
```

$$x + y = y + x$$

```
\end{corollary}
```

```
\begin{proof}
```

$$\omega + \phi = \epsilon$$

```
\end{proof}
```

# Theorem Blocks



## Theorem 3 (Pythagoras)

$$a^2 + b^2 = c^2$$

## Corollary 4

$$x + y = y + x$$

## Proof.

$$\omega + \phi = \epsilon$$



As definition, you can also use the custom one “thm/cor” which is defined in “slides/usrdef.tex”.

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# Hyperlink



Before we can create any hyperlinks we need to tag the frames we want to link to using the `ommand`.

click here [section 1 page](#) [▶ columns page](#) [▶▶ pictures page](#) [◀ pictures page](#)

# Thanks!

# Reference I

