

Title

Name

Southern University of Science and Technology

October 20, 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
 - 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.

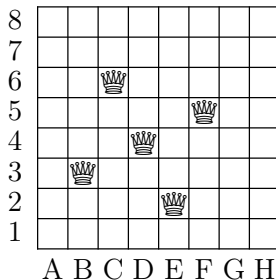
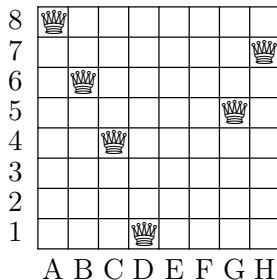
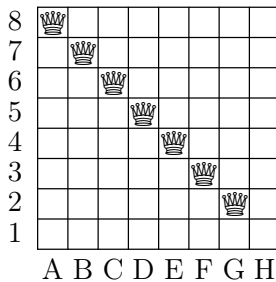
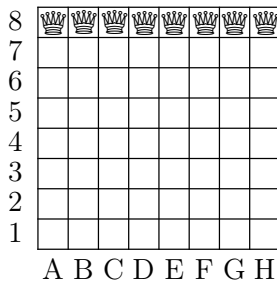
Lorem ipsum dolor sit amet,
consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore
et dolore magna aliqua.

Outline

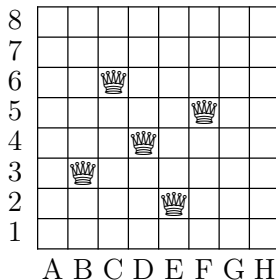
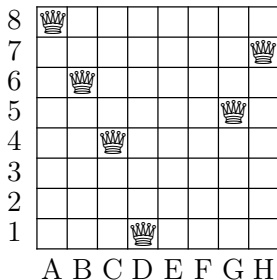
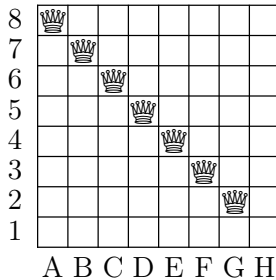
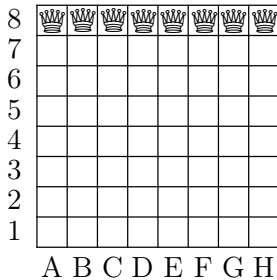


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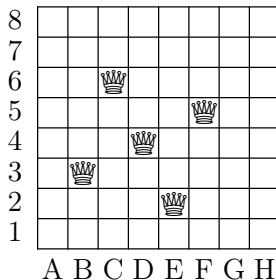
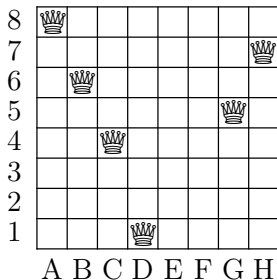
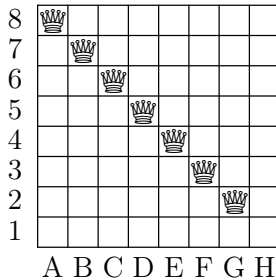
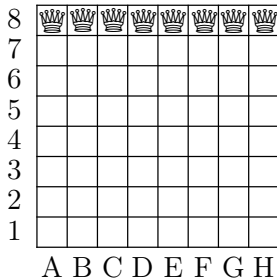
Domination on a Chessboard



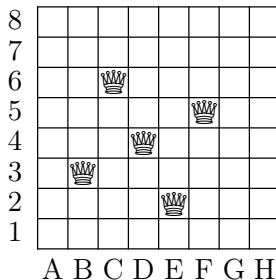
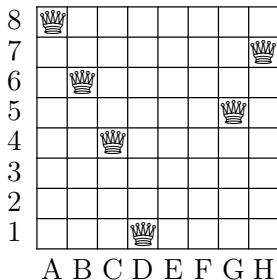
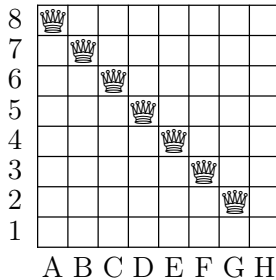
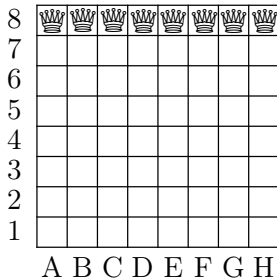
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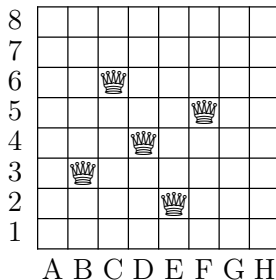
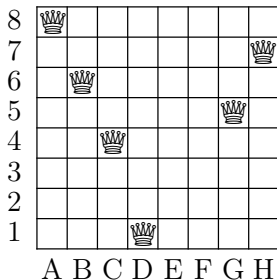
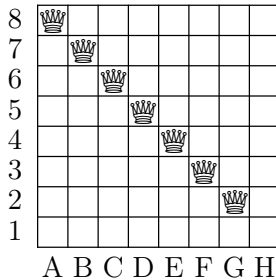
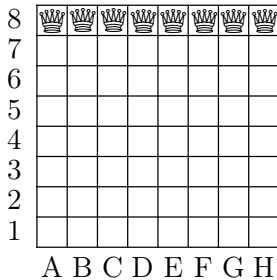
Domination on a Chessboard



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](#)

Outline



Thanks!

Reference I

