



TPT1201  
Research Methodology

## Lab 9

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*By completing the tutorial, you should be able to:*

- create a simple presentation slides using L<sup>A</sup>T<sub>E</sub>X
- apply a template to beamer

### Exercise 1

In this exercise, we're going to create a simple presentation using the `beamer` package. Try the following code. Take note that the output is a PDF.

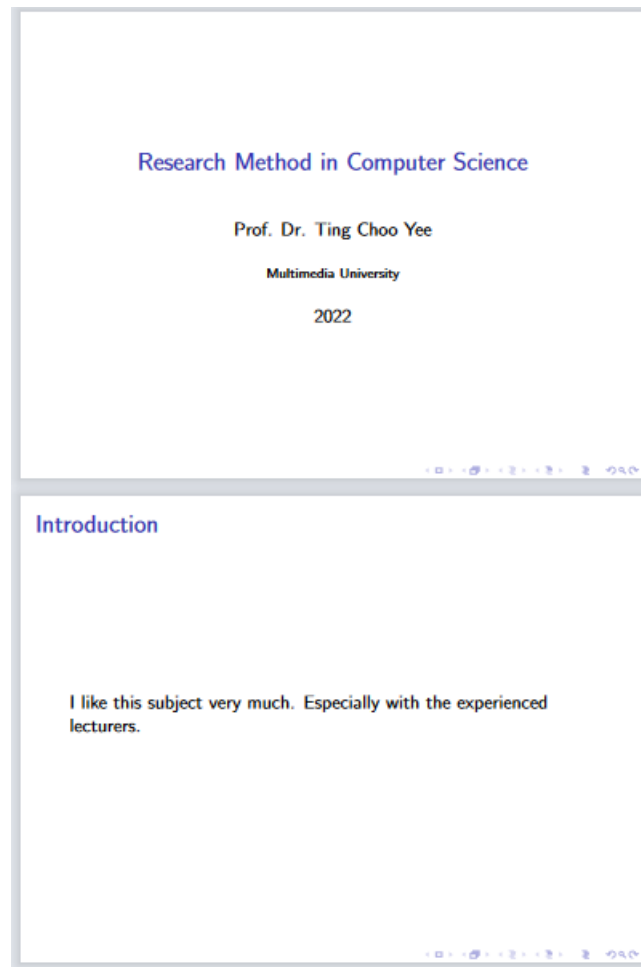
```
\documentclass{beamer}
%Information to be included in the title page:
\title{Research Method in Computer Science}
\author{Prof. Dr. Ting Choo Yee}
\institute{Multimedia University}
\date{2022}

\begin{document}
\frame{\titlepage}

\begin{frame}
\frametitle{Introduction}
I like this subject very much.
Especially with the experienced lecturers.
\end{frame}

\end{document}
```

The output of the above code is as follow:

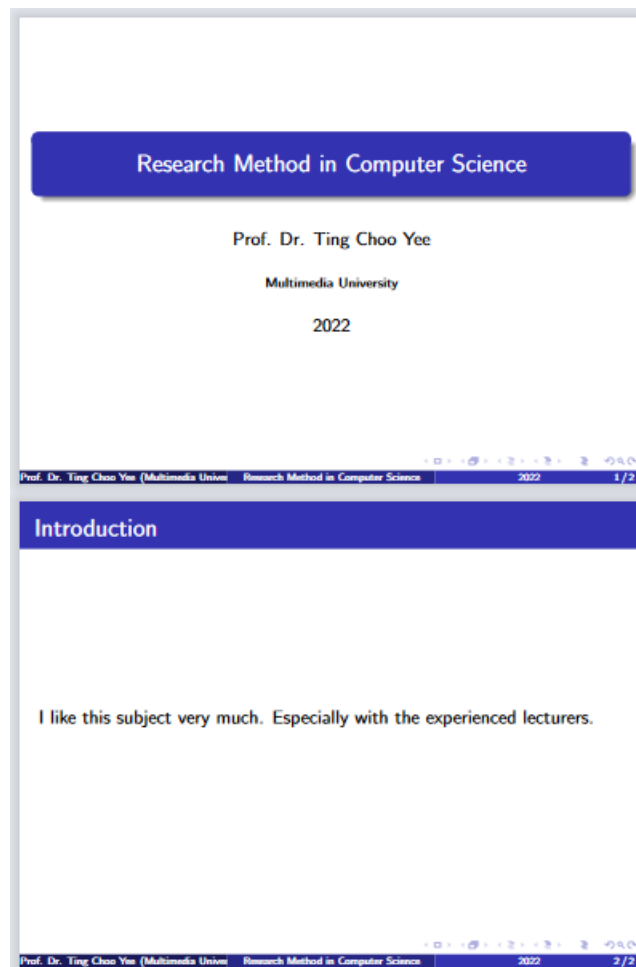


## Exercise 2

Add the following line of code just after `documentclassbeamer`

```
\usetheme{Madrid}
```

The output of the above code is as follow:



Try change the theme with the following:

Table 1: Sample Themes for Beamer

AnnArbor	Berkeley	Marburg
Antibes	Goettingen	Pittsburgh
Bergen	Hannover	Szeged

### Exercise 3

Add a new package named `mdframed` so that a box can be created to surround the text. Add also a package named `xcolor` for colour purpose. Another package named `verbatim` allows program code not to be executed.

```
\begin{mdframed}[backgroundcolor=blue!20]
\begin{verbatim}
  All the lecturers are experienced lecturers.
\end{verbatim}
\end{mdframed}
```

All the lecturers are experienced lecturers.

## Exercise 4

Let's add different colour theme to the template we selected earlier. To to that, you simply need to add `\usecolortheme{}`. Try the following colour theme:

beaver, beetle, seahorse, wolverine

Example of code:

```
\documentclass{beamer}
\usetheme{Antibes}
\usecolortheme{beaver}
\usepackage{framed}
```