

# Citing References

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March 27, 2023

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# 1 References in the Main File

## 1.1 Bibliography environment

To use the reference we use the "`\cite{}`" with the name of the reference we created like this [1] or this [2].

The "`\cite`" can take optional arguments like [p. 37] of the 2nd entry: [2, p. 37].

We can also use `cite` to reference to two (or more) resources [1, 2]. Just separate the `cite` entries with a comma.

## References

[1] H. C. Andersen. *The Little Mermain*. 1837.

[2] M. Shelley. *Frankenstein*. Oxford University Press. 1818.

## 2 Citing with BibTeX

BibTeX is an external database file which stores all of our references. We create this file with the ".bib" extension. BibTeX is using a different "language" in its files, so we have to translate the entries so that they can be read as bib. to do that we can use:

- BibTeX entry types (<https://www.bibtex.com/e/entry-types/>)
- Google Scholar (<https://scholar.google.com/>)

Here the file we are going to use is named "8. biblio.bib".

## 3 Using the Database

### 3.1 Different Bibliography Styles

[https://www.overleaf.com/learn/latex/Bibtex\\_bibliography\\_styles](https://www.overleaf.com/learn/latex/Bibtex_bibliography_styles)

We have to tell the L<sup>A</sup>T<sub>E</sub>X file where it can find the BibTeX

This is a test citation to [Szk08]. [She18]

```
\bibliographystyle{plain}
```

```
\bibliography{8.biblio}
```

## 4 Exercise About BIBT<sub>E</sub>X

### 4.1 "**\BibTeX{}**" as a section name

In LaTeX, some commands such as BIBT<sub>E</sub>X or L<sup>A</sup>T<sub>E</sub>X are called "fragile" commands. These commands can't be used in certain places, like a section heading, without additional care.

This is because when you use such commands in a section heading, they not only appear in the table of contents but also in the running headers on each page that correspond to the section or chapter. Running headers can be created using the commands like `d`. And these commands try to expand the material in the header, which doesn't work properly with fragile commands.

To avoid any issues related to fragile commands in section headings, it is recommended that you use the optional argument for the section command to provide a "short title" that will be used instead in the table of contents and the headers.

For example:

```
"\section[\texorpdfstring{Exercise About BibTeX}{Exercise About \BibTeX{}}]{Exercise About \BibTeX{}}
```

the optional argument is used to define a short title for the section that is used in the table of contents and the headers. The "`\texorpdfstring`" command is used to specify how the short title should appear in the PDF bookmarks.

## 4.2 Disney movies based on books

Several of the Disney movies from our childhood is based on books. Examples are *The Little Mermaid* which is based on [The Little Mermaid Book] [And37], *The Hunchback of Notre-Dame* which is based on [Notre-Dame de Paris] [Hug31] , and *Treasure Planet* based on [The Sea Cook: A Story for Boys] [Ste83]. Common for most of these adaptations is that the original scripts is in the public domain. Hence one do not need to pay a licensing fee when creating an adaption. A more in-dept description on what it means that a work is in the public domain can be found here [Wikipedia] [Wik20].

## 4.3 Exercises

1. Add the references in the text above using the `\cite{}` command. The references are already added in the `References.bib` file.
2. Make a reference list at the end of the document.
3. Change the style of the references to the `alpha` style.

## References

- [And37] Hans Christian Andersen. *The Little Mermaid*. C.A. Reitzel, 1837.
- [Hug31] Victor Hugo. *Notre-Dame de Paris*. Gosselin, 1831.
- [She18] M. Shelley. *Frankenstein*. Oxford University Press, 1818.
- [Ste83] Robert Louis Stevenson. *The Sea Cook: A Story for Boys*. London: Cassell and Company, 1883.
- [Szk08] Tadeusz Szkodny. *Zbior zadan z podstaw robotyki*. Wydawnictwo Politechniki Slakiej, 2008.
- [Wik20] Wikipedia contributors. Public domain — Wikipedia, the free encyclopedia. [https://en.wikipedia.org/w/index.php?title=Public\\_domain&oldid=988787426](https://en.wikipedia.org/w/index.php?title=Public_domain&oldid=988787426), 2020. [Online; accessed 15-November-2020].