\includegraphics

```
Here you see a penguin:
\includegraphics[height=2cm]{penguin.jpg}
Photo by Sue Flood.
```

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https://www.pinterest.co.kr/pin/645844402812554993/

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```

Here you see a penguin:

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\includegraphics

```
Here you see a penguin:
\begin{center}
    \includegraphics[height=2cm]{penguin.jpg}
\end{center}
Photo by Sue Flood.
```

Here you see a penguin:

Photo by Sue Flood.

\includegraphics

```
You can see a penguin in Figure~\ref{fig:penguin}.
\begin{figure}[h]
    \centering
    \includegraphics[height=2cm]{penguin.jpg}
    \caption{A cute penguin. Photo by Sue Flood.}
    \label{fig:penguin}
\end{figure}
```

You can see a penguin in Figure 1.

Figure 1: A cute penguin. Photo by Sue Flood.

Figure placement

- h (HERE): Figure can come here.
- t (TOP): Figure can come at the top of the page.
- b (BOTTOM): Figure can come at the bottom of the page
- p (PAGE): Figure can come on a special page for figures.
- H (HERE): No floating, always here. (`\usepackage{float}`)

Figure appearing too late? Try placing `figure` to a point earlier in the code.

Figure placement

- h (HERE): Figure can come here.
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Figure appearing too late? Try placing `figure` to a point earlier in the code.

When working with images: `\usepackage{graphicx}`

Dimensions

- Full linewidth
  `\includegraphics[width=\linewidth]{assets/pinguin.jpg}`

- 90% linewidth
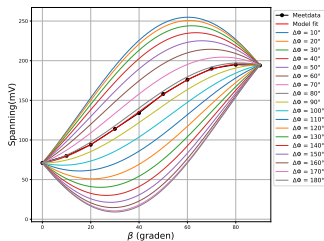 `\includegraphics[width=0.9\linewidth]{assets/pinguin.jpg}`

- Width maximally 90% linewidth and height maximally 5 cm

```
\includegraphics[
    width=0.9\linewidth,height=5cm,keepaspectratio
]{assets/penguin.jpg}
```
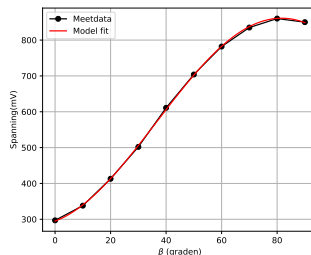
Subfigure (\usepackage{subcaption})

```
\begin{figure}[htbp]
    \centering
    \begin{subfigure}[b]{0.45\textwidth}
        \includegraphics[width=\textwidth]{AA}
        \caption{BB}
        \label{fig:dphiExample}
    \end{subfigure}\qquad
    \begin{subfigure}[b]{0.45\textwidth}
        \includegraphics[width=\textwidth]{CC}
        \caption{CC}
        \label{fig:fitExample}
    \end{subfigure}
    \caption{Multiple images next to eachother!}
\end{figure}
```

| \includegraphics | as paragraph | center | figure | htbp | subfigure |

Subfigure (\usepackage{subcaption})

(a) BB (b) CC

Figuur 1: Multiple images next to eachother!