

Inserting figure:

```
\begin{figure}[h]
  \centering
  \includegraphics[scale=0.5]{./images/SignalFlowDiagram}
  \caption{Signal Flow Diagram}
  \label{fig:sigFlowDiagram}
\end{figure}
```

Referring to the figure in the middle of your text:

You call your figure by the label you gave to your figure, like below:
This explained in Figure.~\ref{fig:sigFlowDiagram}.

Try always to refer to your figure in your text, since latex like to place the figures where they fit the best. Meaning, maybe in the next page and not exactly where you put it.

Avoid spaces in naming your files and images as much as possible, to make latex and linux commands life much easier. For example if your file called: Signal Flow Diagram.png you need to call it like this then:
`\includegraphics{./images/Signal\ Flow\ Diagram.png}`

Image quality factors:

To avoid degrading down the quality of your figures as much as possible, try convert your images properly to one of these formats:

pdf-ps-png-jpg

The first ones are the best for not loosing data after compression. JPG is the worst.

You can ask me to do it, or in linux some of them can be done as follow:

pdf2ps filename

convert filename.jpg filename.png

Making Bullet points:

```
\begin{itemize}
\item Interface identification and diagrams. Blaaa blaa
\item Project-unique identifier of interface
\end{itemize}
```

or boldface format:

```
\begin{itemize}
\item \textbf{Interface identification and diagrams.}
blaa
\item \textbf{Project-unique identifier of interface}
blaa
\end{itemize}
```

Making tables:

```
\begin{center}
  \begin{tabular}{| l | p{1cm} | l | l | p{5cm} |}
    \hline
    Date&Ver. No & Author &Contact &Description\\ \hline
    17-Feb-2014&1.0 & - & - & Initial version\\
    \hline
  \end{tabular}
\end{center}
```

\hline : stands for horizontal line

& 's : making new columbs

| 's: putting border lines where ever you want

p{1cm} : defining the size of that specific row

Out-commenting:

If you want to add some explanation that doesn't appear in the output, use:

```
% this is awesome
```

Special charaters:

If you want to use special charaters like: %, &, /, \, ?

use “\” before them like: “5 \% of people” or ...

The reason is because, they have attributed some function to those as you saw above.