Experiment 1:

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1 Overview of the experiment/assignment

In two to three paragraphs, summarize

- The purpose of the experiment/assignment.

- What you did to perform the experiment/assignment.

- Organization of your report and a summary of the data you will be presenting.

You may refer to pre-existing documents by citing them appropriately [1].

For a more detailed introduction to the use of LaTex to write documents, see [2].

2 Experiment setup or approach to the assignment

Describe the experimental setup (or the approach you have used to complete the assignment).

You can easily include a diagram/picture as shown in Figure 1.

2.1 Include your design documentation and code if relevant

You should give a brief description of whatever designs you have constructed and a sketch of the code you have written as part of the experiment/assignment.
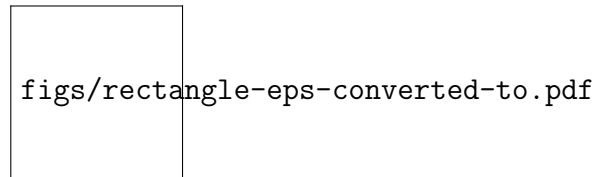
Figure 1: A rectangule.

Item	W	H
A	2	gdyusgd
B	3	4
C	4	5
D	5	6

Table 1: Illustrative table

To write code, you can use the verbatim environment. (Note in verbatim mode, latex interprets your text like a type-writer and does not do any formatting. Use spaces carefully to line things up). There are other latex environments such as *algorithm* which can be used to describe algorithms.

```
entity foo is
  -- ports.
  port (a: in bit; b: out bit);
end entity foo;
```

3   Observations

You must summarize your observations, either in words, using figures and/or tables. You can easily include tables, such as the one shown in Table 1.

References

[1] V. Vyasa, "Story of Rama", 4000 BC.

[2] *https://www.latex-tutorial.com/tutorials/beginners/how-to-use-latex/*