

# Latex Article Example

Exam set 0

**Write your ID**

A CSE ITWORKSHOP Lab External



October 3, 2022



Remember to modify the information above

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**The following will give you an overview of what you can do with this template**

### Problem 1

Type your problem here

Personally I recommend Mathpix (<https://mathpix.com/>), which can easily export your ProblemBook.pdf to LATEX code.

**Solution.** Write your solution here.

Example of equations .  $x + 1 = 2$ . Or

$$x - 1 = 0$$

Example of list of equations.

$$x = 1$$

$$y = 2$$

Example of a matrix.

$$\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

Example of a lemma.

**Lemma.** *This is lemma.*

example of a proof.

*Proof.* Write your proof here.

Example of including a picture.



Example of refering a piece of code.

**Print** ("Hello World")

Example of a table

	Mean	SD
fall 2077	7.06789	1.714523
fall 2077	7.06789	1.714523

Overall, this is a quite basic template for assignments, and above are only some basic features. I included enough packages and set a few environments. You may have modify them or add features to fit your personal preference. enjoy using it!