

This uses the  $\text{\LaTeX}$  template [Prassble](#) .

**Exercise 1.** This is the first exercise of the first homework.

**Proof.** This is the first proof of the first exercise of the first homework.



**Exercise 2.** This is the second exercise of the first homework.

**Proof.** This is the first proof of the second exercise of the first homework.



**Exercise 3.** This is the third exercise of the first homework.