TRANSLATIONS IN PREDICATE LOGIC - EXERCISES

Translate the following sentences into their predicate logic form.

1. All philosophers are wise and some philosophers are academics, but not all academics are wise.
2. If for any academic there is an academic wiser than that academic, then there is no academic wiser than any academic.
3. Some philosophers love all books and all philosophers love some books.
4. All children of gods are heroes, and only heroes are immortal.
5. Romeo loves nobody but Juliette.
6. Every boy, except Brian, loves Fiona.

Translate the following arguments into their predicate logic form.

1. There is a philosopher who studies all philosophers. Therefore, there is a philosopher who studies himself.
2. Everybody loves Batman, but Batman loves nobody but me. Therefore, I am Batman.
3. There is nothing made of tin that is not cheap. No swords are made of lead. Not everything is either tin or lead. Therefore not all swords are cheap.
4. There is a man in town who shaves all men in town who do not shave themselves. Therefore there is a man in town who shaves himself.