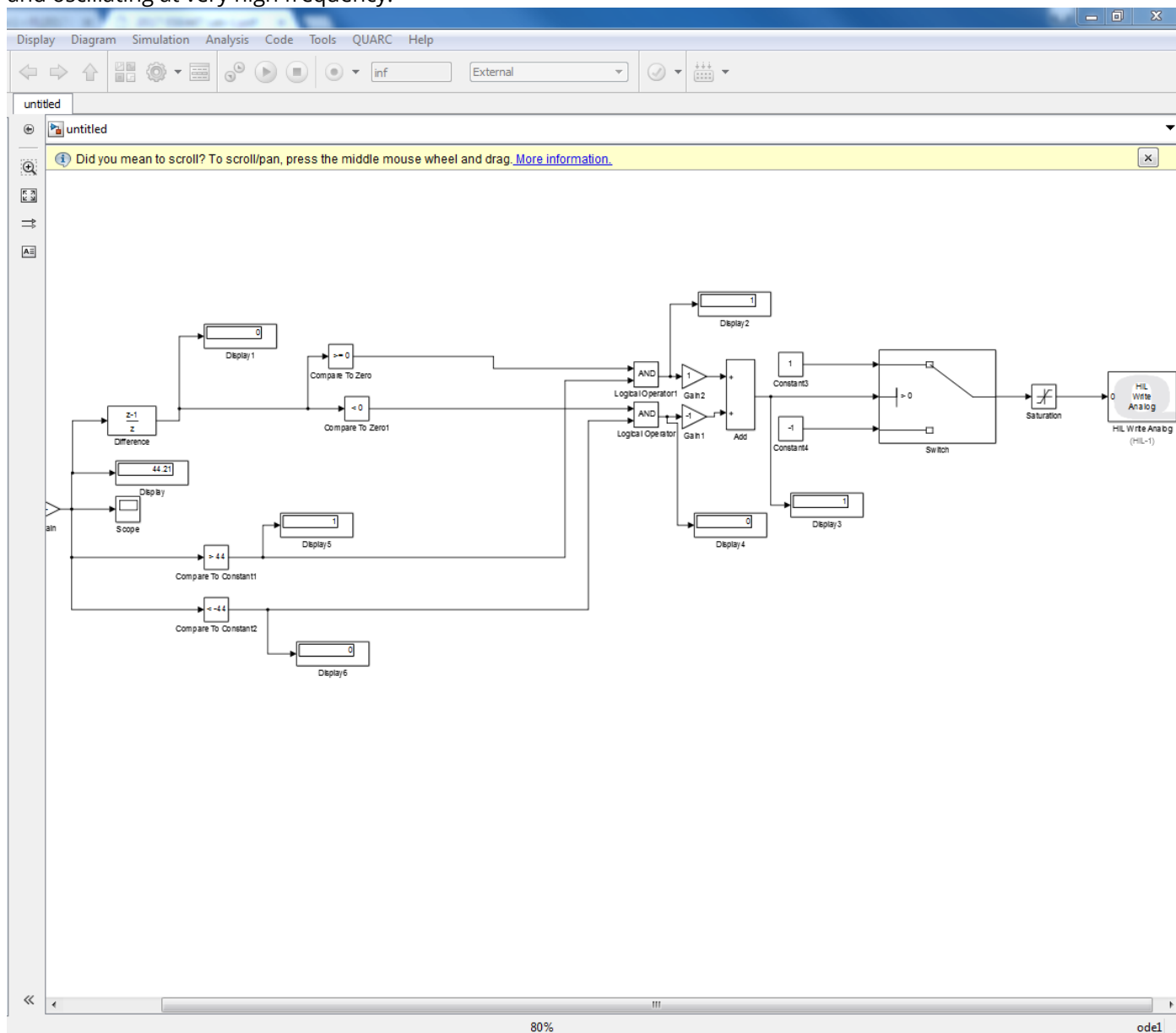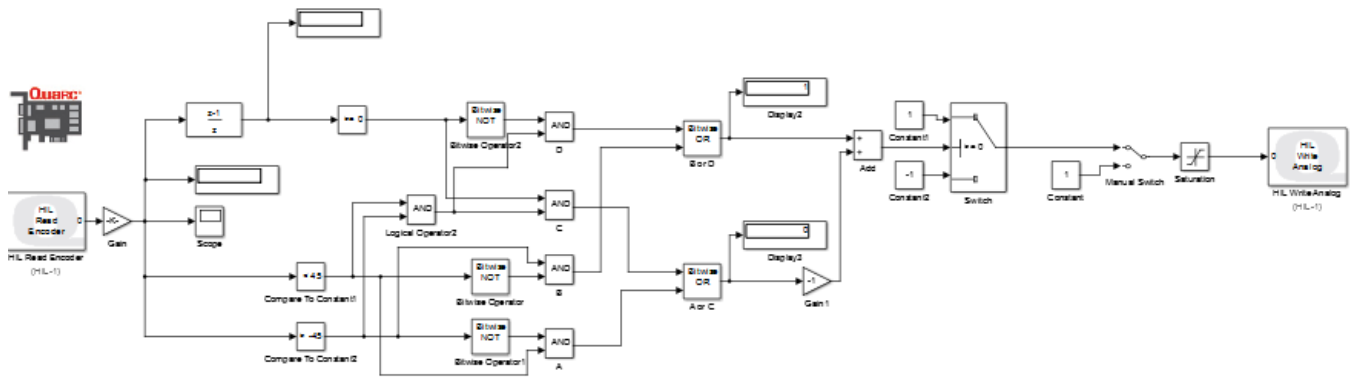1. Items done this session:

We try out different ways of design. The first few ways are not able to move around, and then it stocks in a certain angle and oscillating at very high frequency.

The final design of today is building logic diagram separating four different situations and convert it to two options, plus and minus. So the stocking problem is solved this time.

2. Items for next session:

Try a different design approach. Adding a controller to the diagram and feed input with a sin wave multiplied 45 degree.

3. Problems / Concerns:

Problems: Moves back and forward super fast and stock in a certain angle.

Concerns: The final design, although works well, it will change direction after disturbing toward the opposite direction.