

# BEST Robotics summer course 2013

## Exercises - The beginning

Dr.J.

**Exercise B:** Monday July 14th, 10:30 in the group rooms.

- Make an LEJOS project in Eclipse. Upload this project in the SVN repository.
- Guide for making a project in Eclipse:
- <http://lejos.sourceforge.net/nxt/nxj/tutorial/Preliminaries/UsingEclipse.htm>

**Optional exercise C:** Basic movement and sensing.

- Make the robot go forward and backward.
- Forward a fixed distance - In one way or another.
- Make the robot turn left and right.
- Make the robot turn 90 degrees left and then 90 degrees right.
- Now it is time to sense stuff. Put on the touch sensor in the front of the robot. Make it react to touch in some way.
- Perfect - Time to combine all the above. Make the robot go straight into an object (fx a book or laptop). Turn 90 degrees, move a fixed distance.

BEST Regards

Dr.J.