

[https://www.youtube.com/watch?v=2T\\_XR4t4M8Y](https://www.youtube.com/watch?v=2T_XR4t4M8Y)

IF YOU DONT WANT TO WATCH THE VIDEO , JUST FOLLOW THE INSTRUCTIONS :

INSTRUCTORS:

1. Open the submitted ZIP file.
2. Open the source code in Visual Studio or any other IDE.
3. Open your terminal/console.
4. Check the files:
  - Type ``ls`` in the terminal.
  - You should see ``1st-order`` and ``2nd-order`` directories.
5. Compile the first-order files:
  - Navigate to the first-order directory by typing ``cd 1st-order``.
  - Verify the contents by typing ``ls`` again. You should see some ``java`` files and a ``data`` folder containing ``data`` files.
6. Run the first-order files:
  - Type ``make run-first-order`` in the terminal.

- The files will be compiled and executed automatically.

#### 7. Change the data file for first-order:

- Go to the ``makefile`` in the ``1st-order`` directory to specify the desired ``.data`` file as you want.
- Run ``make run-first-order`` again to compile and run with the new data file.

#### 8. Compile the second-order files:

- Return to the main directory by typing ``cd ..``.
- Or you can just directly close and open the project again.
- Navigate to the second-order directory by typing ``cd 2nd-order``.

#### 9. Run the second-order files:

- Type ``make run-second-order`` in the terminal.
- The files will be compiled and executed automatically.

#### 10. Change the data file for second-order:

- Go to ``makefile`` in the ``2nd-order`` directory to specify the desired file that you want (with ``.data`` extension files)
- Run ``make run-second-order`` again to compile and run with the new data file.