Assignment-1

1.Installation of IcarusVerilog: (Y23+Y24)

1.Windows:[Verilog HDL - Installing and Testing Icarus Verilog + GTKWave](https://www.youtube.com/watch?v=3Xm6fgKAO94)

[Icarus Verilog for Windows](https://bleyer.org/icarus/)

2.Mac: [Installing Icarus Verilog + GTKWave on MacOS](https://www.youtube.com/watch?v=jUYkYoYr8hs)

[How to Install Icarus and gtkwave on a Mac](https://ee.sonoma.edu/resources/computer-hardware-and-software/icarus-and-gtkwave-mac)

2.Practice on HDLBits: (Y23+Y24)

1.Practice problems on the HDLBits website below of the following sections:

[Problem sets - HDLBits](https://hdlbits.01xz.net/wiki/Problem_sets)

i.Getting Started

ii.Basics

You have to submit the screenshot of the simulation output in the google form.  
 (File Format : RollNo\_W1\_Q(x), Q1 for question 1)

<https://docs.google.com/forms/d/e/1FAIpQLSfTFPI_BxbX0KurTqvdvjFkciDxowbfAXuOJKDx8m5DXL62jQ/viewform?usp=header>

**Deadline is 14th December, Saturday EOD.**

3.Only for Y24s: (ESC fundamentals)

1.Study the resources given in the resources section in Week-1 folder.

2.Solve the assignments 10 and 11 in the assignment section.

No need to submit the assignment, but we highly encourage to solve it for conceptual understanding.