

Github Url :<https://github.com/Almo-o/Computer-Organization-and-Assembly/tree/main/Assignment-1>

Design Choice:

Made a 4-bit adder with 4 D flip-flops.

Using 4 of those, Multiplexer, and input signals, we are able to make the General purpose register, Program Counter, and instruction register.

ScreenShots of Circuits:



