ASSUMPTIONS

- A maximum of 6 charecters can be displayed by the circuit, at one instance.
- We assume that the user only inputs the data when the circuit is in the left to right scroll mode.
- We have a list of valid inputs. In case the user gives an invalid input , we assume that the user wants to print an underscore.
- Valid inputs are:-
  1,2,3,4,5,6,7,8,9,0,A,C,E,F,H,L,P,U,b,c,d,h,o,r,t,u
- We assume that the user knows the code required to give the desirable input to the display, and all inputs are in digital.