Inputs:  
  
Breadboard Button -

Button U - PACKAGE\_PIN T18 [get\_ports start] – “Start”

Button R - PACKAGE\_PIN T17 [get\_ports stop] – “Stop”

Button D - PACKAGE\_PIN U17 [get\_ports user\_input] – “User Input”

Button L - PACKAGE\_PIN W19 [get\_ports stop] – “Stop”

Outputs:  
  
7-Matrix LED –

Red LED -

Blue LED -

Green LED -