reset = ‘1’

user\_input = ‘1’ AND

`the correct LED`

user\_input = ‘1’

7-Matrix= ‘50ns’

red\_LED = ‘0’

green\_LED = ‘0’

blue\_LED = ‘0’

7-Matrix= ‘-’

red\_LED = ‘1’ XOR green\_LED = ‘1’ XOR

blue\_LED = ‘1’

7-Matrix= ‘hi’

red\_LED = ‘0’

green\_LED = ‘0’

blue\_LED = ‘0’