**Name: Shubham Vilas Malve**

**Class: BE-II**

**Roll No.: E42067**

**CODE:**

# Install Python Serial Package

# sudo pip3 install pyserial

#Check the COM PORT Number

# sudo dmesg|grep tty

# Use ttyS0 for on-board Serial

# Use ttyUSB0 or ttyUSB1 for USB to serial converter

# after checking the com port number

import time

import serial

ser = serial.Serial(port='/dev/ttyUSB0', baudrate=9600, parity=serial.PARITY\_NONE, stopbits=serial.STOPBITS\_ONE, bytesize=serial.EIGHTBITS, timeout=1)

counter=0

if\_\_name\_\_==‘\_\_main\_\_’:

try:

while True:

ser.write(str.encode('Write counter: %d \n'%(counter)))

time.sleep(1)

counter += 1

x=ser.readline().strip()

if len(x) != 0 :

print(x)

except KeyboardInterrupt:

ser.close()

print ('Exiting Program')