**Virtual Initio Programming: WS13 Sample Answers**

**Sample Answer 1:** When any key is pressed the program prints out the value from the ultrasonic distance sensor.

**Sample Answer 2:** Note that parts of the answer in italics will depend upon what happens when the program runs

Hello

*Name that was entered*

The Distance reading is

*Value from Ultrasonic Sensor*

**Sample Answer 3:** Y

**Sample Answer 4:** N

**Sample Answer Exercise 1:**

import simclient.simrobot as initio

initio.init()

num = input(['How many distance readings would you like?'])

start = 0

while (start < int(num)):

 start = start + 1

 print("Distance: " + str(initio.getDistance()))

**Sample Answer** **Exercise 2:**

import simclient.simrobot as initio

initio.init()

input = input(['Would you like a distance reading? [Y/N]'])

if (input == 'Y'):

 print(initio.getDistance())



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