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Final Quiz

Started: 26 Nov at 20:54

Quiz instructions

Description

This Quiz is composed of 27 questions regarding lectures and tutorials, you will have 45 minutes to complete the quiz.

The quiz is worth 10% of the overall marks for IoT Programming.

This assessment task contributes to your overall percentage for this unit.

Instructions

During the test:

- You must be attending your tutorial session.
- Strictly NO communication with other students.
- Strictly no help from any webpage.
- · If you have a question, raise your hand

Question 16 0.5 pts

These two pieces of code communicate the Arduino board and the edge server via serial bus. Which text will be visualised in the edge server terminal?

Assume communication between the devices is well established.

Arduino Code Edge Server Python Code

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```
int counter = 1;
 void setup() {
   Serial.begin(9600);
                                            import serial
                                            ser = serial.Serial('/dev/ttyS0', 9600)
                                             while True:
 void loop() {
                                                   # rstrip() removes end string characters
                                                   read serial=ser.readline().rstrip()
   counter++;
                                                   if read_serial:
   Serial.println(counter);
                                                       read_serial = int(read_serial) - 1
                                                       ser.write("Received!")
   delay(500);
                                                       print (read_serial)
   if (Serial.available() > 0) {
      counter++;
 }
1, 4, 7, 10, ...

    All other answers are incorrect.

1, 1, 1, 1, ...
O 2, 5, 8, 11, ...
0, 0, 0, 0, ...
1, 3, 5, 7, ...
counter
1, 2, 3, 4, ...
O 2, 2, 2, 2, ...
Received!
O 2, 4, 6, 8, ...
```

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Not saved

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