

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 14

0.5 pts

The following code turns on an LED, and tries to control a fan with a potentiometer using Arduino Uno. What do you notice?

```
#define pin_pot 1
#define pin_led 2
#define pin_fan 3

void setup() {
  pinMode(pin_led, OUTPUT);
}

void loop() {
  digitalWrite(pin_led, HIGH);
  int sensorValue = analogRead(pin_pot);
  analogWrite(pin_fan, sensorValue / 4);
  delay(1);
}
```



- ☐ The fan won't rotate at all, wrong function used.
- ☐ The LED won't turn on.
- ☐ Missing analog input pin initialisation.
- ☐ Analog output will overflow.
- ☐ Nothing is wrong in the code.
- ☐ The fan is connected to a wrong pin, it will behave as a binary output.
- ☐ Wrong input pin used.

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