

Assignment

Below is an assignment as part of the training. This assignment is for self-study and won't be counted for evaluation. Hence, you need not submit the assignment. You can, however, document your answer in your personal notebook and save it for your future reference. There will be no submission of this assignment.

Write a code which will send an email as well as SMS when light falls on LDR connected to Bolt.

Note: You just have to change the circuit connection, replace the temperature sensor with LDR and in the code, you have to set the threshold value according to the light intensity.

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Q. I am not able to sign into the Twilio account, it is like I have to solve the CAPTCHA in order to sign in? What is meant by CAPTCHA?

Here is a video which will explain to you what is a CAPTCHA: <https://www.youtube.com/watch?v=MWu2UiLLJl8>

Q. How long does the temp_sms.py code send an sms? Does it send sms only once, or does it send sms everytime the temperature goes beyond bounds?

The code will send you an sms everytime the temperature goes beyond its bounds.

However, if you execute the command

```
sudo python temp_sms.py
```

You will need to stay logged into the digital Ocean droplet for the code to keep monitoring the temperature and send you an sms.

[see more \(\)](#)

Q. When I execute temp_email it is showing unexpected indent error. How do I fix this?

In python, the leading whitespace (spaces and tabs) at the beginning of a logical line is used to compute the indentation level of the line, which in turn is used to determine the grouping of statements.

The levels number of white spaces is known as an indentation level.

If you are facing unexpected indent error, it probably means that the white spaces before and after a
see more ()

Q. I am getting an indentation error. How do I solve it?

This means that you have not given proper indentation i.e. spaces before the start of each line of code. Do check the code given as part of the tutorial carefully and make suitable changes. I suggest you read the course content again to be sure that there are no errors.

Q. If I have multiple input-output devices how are they to be arranged? in series or parallel?

The question of using multiple input-output devices in series or in parallel only comes in if you want to sense or control these devices using a single pin of the Bolt module.

It is not recommended that you try to sense or control multiple devices using a single pin of the Bolt unit.

Using multiple input-output devices with a single pin in the right manner is a skill-intensive task, where the method depends on the devices used and desired system behaviour.

see more ()

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Ask your doubts to the instructor personally if they are not already answered on forum.

Type what you want to ask the instructor



ASK THE INSTRUCTOR