

SIT384 Cyber security analytics

Pass Task 2.3P: Email validation using regular expression

Task description:

Use regular expression to implement a function which accepts a passed string and check if it is a valid email address. A program accepts user's input and calls the email validation function. If the email is valid, print out the email, username and host. (Rule: word characters (a-zA-Z0-9_ or "\w"), dot, and hyphen are considered as valid characters in an email address, besides of one & only one '@'.)

(Sample output as shown in the following figure is for demonstration purposes only.)

```
In [24]: runfile('C:/tmp/units/2020/SIT384-2020-1/portfolio/week2/Task2.3P.py', wdir='C:/tmp/units/2020/SIT384-2020-1/portfolio/week2')
```

```
Please input your email address:test@  
Not a valid email.
```

```
Please input your email address:shang.gao@test2.server.com  
email: shang.gao@test2.server.com , username: shang.gao , host:  
test2.server.com
```

Submission:

Submit the following files to OnTrack:

1. Your program source code (e.g. task2-3.py)
2. A screen shot of your program running

Check the following things before submitting:

1. Add proper comments to your code