

## Python Lab email\_one

Ask the user to enter a valid email address.

For now - assume your user will pay attention and enter the data correctly.

You can also assume that the user name has no periods in it and that the domain name has only one period.

Separate out the three main sections of the email and print them. Notice in the example that the @ and periods are not included in the printout.

```
user name
domain name
top level domain
```

Helpful tips: think about your approach to solving this - what would you look for?

find() and slicing [:] functions will be useful

*\*\* While it is useful we are not going to use split() for this lab...*

Extra Challenge:

- if the user email has no @ then print a message and have them enter again until it is correct

Extra Extra Challenge

- if the user has also not entered a period in the domain name keep looping

Example output:

```
Console Shell
What is your email? rudolph@northpole.com
Ok here is the original email you entered: rudolph@northpole.com
The user name is: rudolph
The domain name is: northpole
The top level domain name is: com
```

```
Console Shell
What is your email? Grogu.galaxy.com
Hmm, there should be an @ in here somewhere,
try again my friend
What is your email? Grogu-starwars.com
Hmm, there should be an @ in here somewhere,
try again my friend
What is your email? Grogu@mandalorian.com

Ok here is the original email you entered: Grogu@mandalorian.com

The user name is: Grogu
The domain name is: mandalorian
The top level domain name is: com
>
```

```
Console Shell
What is your email? Harry$Hogwarts.com
Not a valid email - try again my friend
What is your email? Harry@Hogwartscom
Not a valid email - try again my friend
What is your email? Harry@Hogwarts.com

Ok here is the original email you entered: Harry@Hogwarts.com

The user name is: Harry
The domain name is: Hogwarts
The top level domain name is: com
>
```