

## Objective:

Email Slicer is just a simple tool that will take multiple email address as an input and slice it to produce the username and the domain associated with it. The email must be divided into two strings by using '@' as the separator.

So, user provides n number of email addresses and you have to design a logic to slice the username and the domain out of those email addresses. The domain part must print in capitals.

## Python topics used in this project:

1. Define Variable
2. Creating variables
3. For loop
4. If and else statements

## Description:

Email-Slicer: A program that extracts the username and domain from an email.

## Details:

#The user will be asked to enter his/her email address.

#The program will format the input (to prevent some errors).

#The program returns the username and domain.

## CODE:

```
print("\t\t\t\t\tEMAIL SLICER")

def mail(n):
    for i in range(n):
        email = input("Enter your Email: ").strip()
        if '@' and '.com' not in email:
            print("Enter valid Mail ID")
            if n==1:
                mail(n)
            else:
                mail(n-(n-1))
        else:
            l.append(email)
            n-=1

def checking():
    x=input("How many mails would you like to Slice:")
    if x.isnumeric():
        n=int(x)
        if n<=0:
            print("Enter a positive number")
            checking()
        else:
            mail(n)
    else:
        print("Enter an Integer")
        checking()

l=[]
checking()

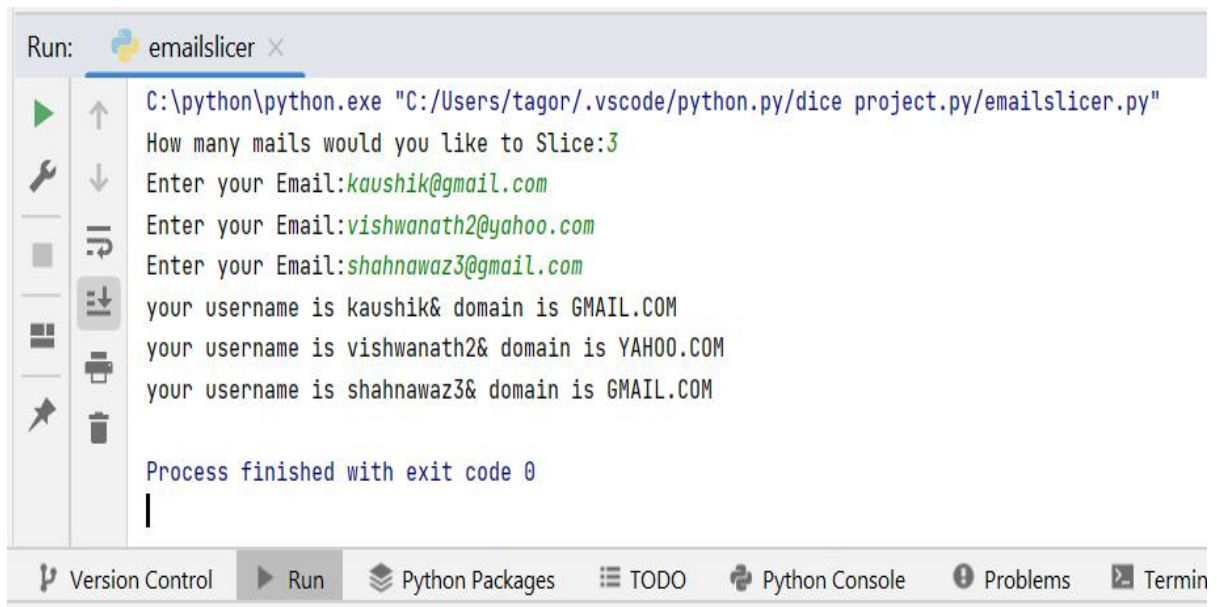
if l!=[]:
    for i in l:
        username = i[:i.index('@')]
        domain = i[i.index('@')+1:]
        domain=domain.upper()
        print(f"your username is {username} & domain is {domain}")
```

# Screenshots

## Source Code:

```
1 def mail(n):
2     for i in range(n):
3         email = input("Enter your Email:").strip()
4         if '@' and '.com' not in email:
5             print("Enter valid mail ID")
6             if n==1:
7                 mail(n)
8             else:
9                 mail(n-(n-1))
10        else:
11            l.append(email)
12            n-=1
13 def checking():
14     x=input("How many mails would you like to Slice:")
15     if x.isnumeric():
16         n=int(x)
17         if n<=0:
18             print("Enter a positive number")
19             checking()
20         else:
21             mail(n)
22     else:
23         print("Enter an Integer")
24         checking()
25     l=[]
26     checking()
27 if l!=[]:
28     for i in l:
29         username = i[:i.index('@')]
30         domain = i[i.index('@')+1:]
31         domain = domain.upper()
32         print(f"your username is {username}& domain is {domain}")
```

## Output:



```
Run: emailslicer x
C:\python\python.exe "C:/Users/tagor/.vscode/python.py/dice project.py/emailslicer.py"
How many mails would you like to Slice:3
Enter your Email:kaushik@gmail.com
Enter your Email:vishwanath2@yahoo.com
Enter your Email:shahnawaz3@gmail.com
your username is kaushik& domain is GMAIL.COM
your username is vishwanath2& domain is YAHOO.COM
your username is shahnawaz3& domain is GMAIL.COM

Process finished with exit code 0
|
```

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