



LOVELY
PROFESSIONAL
UNIVERSITY

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Question :

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.

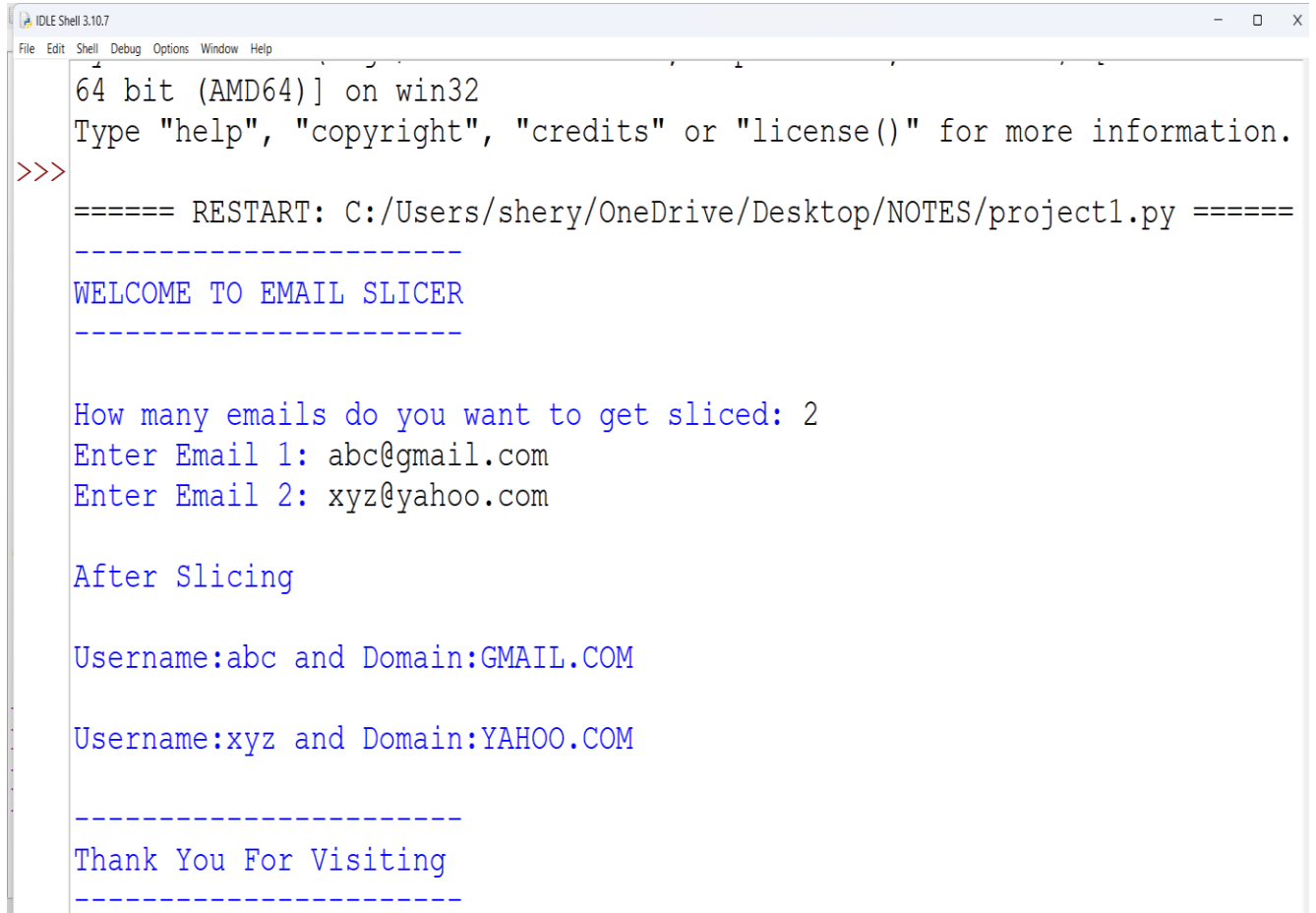
Note: Email addresses must be stored first in some container and then operate the required logic on it.

PROGRAM

```
import string
def isValidValue(n):
    for i in n:
        if i not in string.digits:
            return False
    return True
def printFinal(name, domain):
    for i in range(len(name)):
        print("Username:%s and Domain:%s"%(name[i], domain[i]))
        print()
print("-----")
print("WELCOME TO EMAIL SLICER")
print("-----")
print()
n=input("How many emails do you want to get sliced: ")
name=[]
domain=[]
if isValidValue(n):
    if n=="0":
        print()
    else:
        '''this block input the emails and checks if they
        are valid emails or not after the input it slices
        the emails as name and domain and stores them '''
        for i in range(int(n)):
            email=input("Enter Email %d: "%(i+1))
            if "@" not in email:
```

```
        print("Sorry you did not enter a valid Email")
    else:
        name.append(email.split("@")[0])
        domain.append((email.split("@")[1]).upper())
    print()
    print("After Slicing")
    print()
    printFinal(name, domain)
else:
    print()
    print("Sorry but U entered an Invalid value of number of emails")
    print()
print("-----")
print("Thank You For Visiting ")
print("-----")
```

OUTPUT



```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help

64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/shery/OneDrive/Desktop/NOTES/project1.py =====
-----
WELCOME TO EMAIL SLICER
-----

How many emails do you want to get sliced: 2
Enter Email 1: abc@gmail.com
Enter Email 2: xyz@yahoo.com

After Slicing

Username:abc and Domain:GMAIL.COM

Username:xyz and Domain:YAHOO.COM

-----
Thank You For Visiting
-----
```