

PROJECT REPORT

(Project Term August-December 2022)

(EMAIL SLICER)

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PROJECT REPORT

1 .INTRODUCTION:

This project is all about Email Slicer in this project a User is entering his Email id and as an output Username and Respective Domain is separated from the given Email

2.PROFILE OF THE PROBLEM:

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.

3.SOFTWARE REQUIREMENT ANALYSIS:

INTRODUCTION:

In this project there is a concept of loop, if, else, range function is involved.

GENERAL DESCRIPTION:

This mini project helps user to get their username and the respective domain is separated from the emails.

SPECIFIC REQUIREMENTS:

- 1.Concept of If, else statement.
- 2.Concept of Control flow statement.
- 3.Concept of Indexing.
- 4.Loop Function

4.Testing:

Example:abc@gamil.com Username=abc [Domain_name=@gmail.com](#)

Example:xyz@yahoo.com Username=xyz [Domain_name=@yahoo.com](#)

5.IMPLEMENTATION

* In this project firstly I have taken how many number of emails any user want to slice as a input.

*After taking the input from the user I have applied the concept the for loop , I have taken the range starting from 1 to n+1 here n is the input taken from the user.

*After this again I have taken the n number of emails from the user and calculated the length of the emails then I have assigned 0 to a variable d.

*After this again I have applied the for loop inside the first for loop but in this I have started the loop from 1 to l. again I have use if statement inside the second for loop, In the if statement if there is a character @ found anywhere then break the statement it helps us to separate the username and domain from the emails, after finding the character @ again I assign i to d.

*Again inside the first for loop I have used a if statement but in this I have made the condition i.e d>0,after this I have taken a empty string as a again I have applied the for loop inside the second if condition range starting from (0,d) in this I have add the emails till the @ in the empty string a. It gives us the username separated from the emails.

*Again in the second if condition I have taken a empty string q this time I use the for loop staring from the (d+1,l) this range from will iterate and provide us the respective domain of the emails and I have add the respective domain to the given empty string q.

*In this way we can get Username and Domain separate from any emails.

6.CODE THAT I HAVE USED IN THIS PROJECT

```
n=int(input("Number of emails you want to slice: "))
```

```
for i in range(1,n+1):
```

```
    n=str(input("\nEmail: "))
```

```
    l=len(n)
```

```
    d=0
```

```
for i in range(1,l):

    if n[i]=='@':

        d=i

        break

if d>0:

    a=""

    for i in range(0,d):

        a+=n[i]

    print("User Name: ",a,end="")

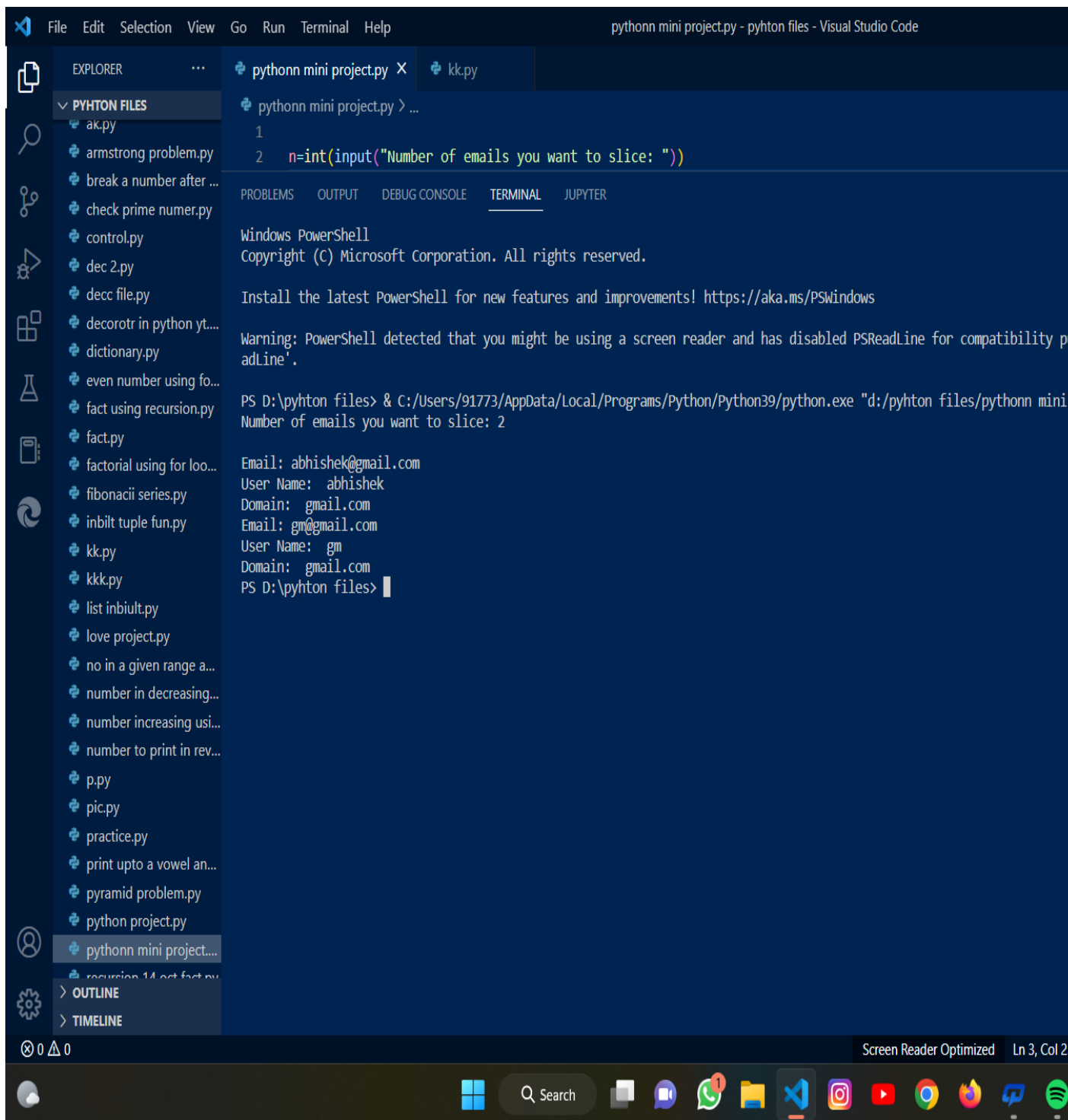
    q = ""

    for j in range(d+1,len(n)):

        q+=n[j]

    print("\nDomain: ",q,end="")
```

OUTPUT OF THE PROJECT:



THANK YOU!

