

1. Write a python program which take user's first and last name and return user email like "first_name.last_name@beinex.com"

```
In [42]: first_name=input("Enter Your First Name = ")
last_name=input("Enter Your Last Name = ")

print("Your Email id = ",first_name+last_name+"@beinex.com")

Enter Your First Name = ajith
Enter Your Last Name = krishna
Your Email id =  ajithkrishna@beinex.com
```

2. Write a Python program to get a string made of the first 2 and last 2 characters of a given string. If the string length is less than 2, return the empty string instead.

```
In [1]: word=input("Enter The word = ")

if len(word)<2:
    print("")
else:
    print(word[:2] + word[-2:])

Enter The word = ajithkrishna
ajna
```

3) Write a program to remove duplicates in a string.

```
In [3]: string=input("Enter The String = ")

remove=set(string)
print("set is always show shuffle output")
print("After removing duplicate values = ",remove)

Enter The String = malayalam
set is always show shuffle output
After removing duplicate values =  {'m', 'l', 'y', 'a'}
```

4. Write a Python program to count the occurrence of each character in a word.

```
In [4]: word=input("Enter the Word = ")
li=[]
li2=[]
for i in word:
    x=word.count(i)
    li.append(x)
for j in word:
    li2.append(j)

abc=zip(li2,li)
print("output = ",dict(abc))

Enter the Word = malayalam
output =  {'m': 2, 'a': 4, 'l': 2, 'y': 1}
```

5. Python program to convert lower letter to upper and upper letter to lower in a string.

```
In [5]: # convert to lower
string=input("Enter The Word = ")

print("convert to lower = ",string.casefold())

Enter The Word = AJITH KRISHNA
convert to lower =  ajith krishna

In [6]: # convert to UPPER
string=input("Enter The Word = ")

print("convert to Upper = ",string.upper())

Enter The Word = ajith krishna
convert to Upper =  AJITH KRISHNA
```

6. Write a Python program that take a password as user input and returns True if the password meets the following criteria, and False with error message otherwise:

```
In [41]: password=input("Enter your password :")

sc="!@#$$%^&*( )_-=+"

a,b,c,d=0,0,0,0

for i in password:
    if i.isupper():
        a += 1

    if i.islower():
        b += 1

    if i.isdigit():
        c += 1

    if i in sc:
        d += 1

if len(password)>=8 and a>=1 and b>=1 and c>=1 and d>=1:
    print("Password set Successfully")
else:
    print("Try Again")

Enter your password :Ajith@123
Password set Successfully
```