In [9]:
```
#1) Write a program to accept two numbers from the user and calculate multipli
x=input("type 0 to start")

while x=="0":
    num1=int(input("enter a number "))
    operator=input("enter a symbol *,/ ")
    num2=int(input("enter a number "))

    if operator=="*":
        print(num1*num2)
        y=input("press y/n to continue:")
    else:
        print(num1/num2)
        y=input("press y/n to continue:")
        if y=="n":
            break
        else:
            continue
```

```
type 0 to start0
enter a number 6
enter a symbol *,/ -
enter a number 6
1.0
press y/n to continue:n
```

In [4]:
```
#2) Write a python program to print the characters from a string that are pres
x=input("Enter a string ")
a=""
for y in range(0,len(x)):
    if y%2==0:
        a+=x[y]
    else:
        continue
print(a)
```

```
Enter a string python
pto
```

In [5]:
```
#3) Write a python program to print the characters from a string that are pres
x=input("Enter a string ")
a=""
for y in range(0,len(x)):
    if y%2==0:
        continue
    else:
        a+=x[y]
print(a)
```

```
Enter a string python
yhn
```

In [8]:
```
#4)Write a python program which will print the sum of the two numbers if the t
# difference of two numbers
num1=int(input("enter a number"))
num2=int(input("enter a number"))
if num1%2== 0 and num2%2== 0:
    x= num1 + num2
    print("Sum:", x)
else:
    x= num1 - num2
    print("Difference:", x)
```

```
enter a number6
enter a number6
Sum: 12
```

In [15]:
```
#5) Write a python program to convert all even indexed alphabets to upper and
a=input("enter a word")
y=list(a)
b=""
for x in range(len(a)):
    if x%2==0:
        b+=str(a[x]).upper()
    else:
        b+=str(a[x]).lower()
print(b)
```

```
enter a wordpython
PyThOn
```

In [14]:
```
#6) Write a python program which will print True if the input number is divisi
num=int(input("enter a number"))
if num%5==0:
    print("true")
else:
    print("false")
```

```
enter a number25
true
```

In [16]:
```
#7)Given two integer numbers return their product only if the product is great
x=int(input("enter the number"))
y=int(input("enter the number"))
if x*y>1000:
    print(x*y)
else:
    print(x+y)
```

```
enter the number6
enter the number55
61
```

In [17]:
```
#8)Given two strings x, y writes a program to return a new string made of x an
# Example: Input X=” pytho” Y=” javas”  Output ” pjtvos”
x=input("Enter a string: ")
y=input("Enter a string: ")
a=len(x)//2
b=len(y)//2
print(x[0]+y[0]+x[a]+y[b]+x[-1]+y[-1])
```

```
Enter a string: pytho
Enter a string: javas
pjtvos
```

In [18]:
```
#9)Write a python program to take three names as input from a user in the sing
# Example: Input: Enter three names: - “person1 person2 person3” Output
```

In [19]:
```
#10) Write a Python program to get a string from a given string where all occu
#   '@', except the first char itself.
#    Example: Input: 'malayalam’ Output: 'malayala@'  Input:  ' abcabab'  Outp
x=input("Enter a string ")
a=x[0]
for y in range(1,len(x)):
    if x[y]==x[0]:
        a+="@"
    else:
        a+=x[y]
print(a)
```

```
Enter a string abcabab
abc@b@b
```

In [20]:
```
#11) Write a Python program to add 'ing' at the end of a given string (string
#   given string already ends with 'ing' then add 'ly' instead. If the string
# it unchanged   Example:  Input:'sing’  Output:'singing'  Input: ' playing'
```

In [21]:
```
#12) Write a python program that accepts two inputs num1 and num2 print True i
#    otherwise print False
x=int(input("enter num1: "))
y=int(input("enter num2: "))
if x==10 or y==10 or x+y==10:
    print("True")
else:
    print("False")
```

```
enter num1: 5
enter num2: 7
False
```

In [22]:
```
# 13) Write a python program that accepts three inputs x, y and z print True i
x=int(input("enter a number "))
y=int(input("enter a number "))
z=int(input("enter a number "))
if x*y>z:
    print("true")
else:
    print("false")
```

```
enter a number 5
enter a number 5
enter a number 10
true
```

In [24]:
```
# 14) Write a python program that accepts two strings inputs return True depen
#  the first string is equal to the total number of characters in the second s
x=input("enter a word ")
y=input("enter a word ")
if len(x)==len(y):
    print("true")
else:
    print("false")
```

```
enter a word ram
enter a word varma
false
```

In [26]:
```
#15) Write a python program that takes a string input, we'll say that the fron
#  If the string length is less than three characters, the front is whatever i
#   copies of the front
```

In [1]:
```
#16) Write a python program that takes in a word and determines whether or not
# in "s".
x=input("Enter a word ")
if x.endswith("s") or x.endswith("S"):
    print(x+" is plural")
else:
    print(x+" is not plural")
```

```
Enter a word flower
flower is not plural
```

In [1]:
```
#17) A bartender is writing a simple program to determine whether he should se
#  people 18 and older and when he's not on break (True means break and False
#  and whether break time is in session, create a python program which prints
x=input("enter true if break if not false")
age=int(input("Enetr the age  "))
if x=="True" or x=="true":
    if age>=18:
        print("Serve the drinks")
    else:
        print("Do not serve the drinks")
```

```
enter true if break if not falsetrue
Enetr the age  19
Serve the drinks
```

In [2]:
```
#18) Manoj Kumar has family and friends. Help him remind them who is who. Give
#    that person to Manoj Kumar.
person="Shiva,Letha,Tarun,Kavitha"
relation="Father,Mother,Brother,Sister"
x=input("Give the person name: ")
if x==person[:5]:
    print("Relation is father")
elif x==person[6:11]:
    print("Relation is mother")
elif x==person[12:17]:
    print("Relation is brother")
else:
    print("Relation is sister")
```

```
Give the person name: Shiva
Relation is father
```

In [3]:
```
#19) Write a python program that takes a string, breaks it up and returns it w
#  character that's not a vowel (like special characters or spaces), treat the
```

In [ ]:
```
```