

```
In [1]: #10. Median of 3 no's
a = float(input("Input first number: "))
b = float(input("Input second number: "))
c = float(input("Input third number: "))
if a > b:
    if a < c:
        median = a
    elif b > c:
        median = b
    else:
        median = c
else:
    if a > c:
        median = a
    elif b < c:
        median = b
    else:
        median = c

print("The median is", median)
```

Input first number: 25  
Input second number: 55  
Input third number: 65  
The median is 55.0

```
In [2]: #8.
score = input("Enter Score: ")
s=float(score)
if s>1.0:
    print("error")
elif s>=0.9:
    print("A")
elif s>=0.8:
    print("B")
elif s>=0.7:
    print("C")
elif s>=0.6:
    print("D")
else:
    print("F")
```

Enter Score: 0.85  
B

```
In [12]: #1 count
vowels = 0
consonant = 0
specialChar = 0
str=input("enter string :")
for i in range(0, len(str)):
    ch = str[i]
    if ( (ch >= 'a' and ch <= 'z') or
          (ch >= 'A' and ch <= 'Z') ):
        if (ch == 'a' or ch == 'e' or ch == 'i'
              or ch == 'o' or ch == 'u'):
            vowels += 1
        else:
            consonant += 1
    else:
        specialChar += 1

print("Vowels:", vowels)
print("Consonant:", consonant)
print("Special Character:", specialChar)
```

enter string :yasasvi@  
Vowels: 3  
Consonant: 4  
Special Character: 1

```
In [13]: #3.
str = input("Enter the string :")
c1=0
c2=0
for i in range(0,len(str)):
    if(str[i]!='('):
        c1=c1+1;
    else:
        c2=c2+1;
if(c1==c2):
    print(c1)
```

Enter the string :((((()()))))()  
8

```
In [14]: #7. Accept input as a string and display sum of digits as the output
str1=input("enter the string")
sum_digit=0
for x in str1:
    if x.isdigit() == True:
        z=int(x)
        sum_digit=sum_digit+z
print(sum_digit)
```

enter the stringappli123cat98  
23

```
In [6]: #9.FizzBuzz
for fizzbuzz in range(51):
    if fizzbuzz % 3 == 0 and fizzbuzz % 5 == 0:
        print("fizzbuzz")
        continue
    elif fizzbuzz % 3 == 0:
        print("fizz")
        continue
    elif fizzbuzz % 5 == 0:
        print("buzz")
        continue
    print(fizzbuzz)
```

fizzbuzz  
1  
2  
fizz  
4  
buzz  
fizz  
7  
8  
fizz  
buzz  
11  
fizz  
13  
14  
fizzbuzz  
16  
17  
fizz  
19  
buzz  
fizz  
22  
23  
fizz  
buzz  
26  
fizz  
28  
29  
fizzbuzz  
31  
32  
fizz  
34  
buzz  
fizz  
37  
38  
fizz  
buzz  
41  
fizz  
43  
44  
fizzbuzz  
46  
47  
fizz  
49  
buzz

```
In [16]: #2count the no.of pairs
str = input("enter string")
count=str.count("aa")
print(count)
```

enter stringabbaacbbaaa  
2

```
In [21]: #4.Read the input as two limits and Print the output as Palindrome count
between the two limits
max=int(input("enter max value:"))
cnt=0
for num in range(1,max+1):
    temp=num
    rev=0
    while(temp>0):
        rem=temp%10
        rev=(rev*10)+rem
        temp=temp//10
    if(num==rev):
        cnt=cnt+1
print(cnt)
```

enter max value:10  
9

```
In [4]: #5. palindrome
n = int(input())
while True :
    if str(n) == str(n[::-1]):
        print(str(n[::-1]))
        break
    else:
        n += int(str(n[::-1]))
```

127  
848

```
In [5]: #orange->puboif
def replaceCharacterType(str):
    vowel = False
    consonant = False
    for i in range(0, len(str)):
        ch = str[i]
        if ( (ch >= 'a' and ch <= 'z') or
              (ch >= 'A' and ch <= 'Z') ):
            if(isVowel(ch)):
                vowel = True
            else:
                consonant = True
        if (vowel == True):
            print(chr(ord(ch) + 1), end = " ")
            vowel = False
        else:
            i=1
            while True:
                tmp = chr(ord(ch)+i)
                if (isVowel(tmp)):
                    break
            else:
                i +=1

def isVowel(ch):
    ch = ch.lower()
    if (ch == 'a' or ch == 'e' or ch == 'i'
          or ch == 'o' or ch == 'u'):
        return True
    else:
        return False
str = "orange"
replaceCharacterType(str)
```

p u b o i f