

In [1]: assignment

```
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NameError                                Traceback (most recent call last)
C:\Users\VAISHN~1\AppData\Local\Temp\ipykernel_2000\2763785959.py in <module>
----> 1 assignment

NameError: name 'assignment' is not defined
```

In [4]: *#Q1. Write A program to accept Four digit number from user and count zero , odd and*

```
a = 0
b = 0
c = 0
num = input("Enter a four digit number ")
l=len(num)
if l != 4:
    print("Wrong input")
else:
    for i in num:
        if int(i) == 0:
            a= a+1
        elif int(i)%2!=0:
            b= b+1
        elif int(i)%2==0:
            c=c+1
    print('Number of zeroes',a)
    print('Number of odds',b)
    print('Number of even',c)
```

```
Enter a four digit number 2345
Number of zeroes 0
Number of odds 2
Number of even 2
```

In [5]: *#Q2. Write a Python program to find those numbers which are divisible by 7 and multi*

```
a= 0
for a in range(1500,2700):
    if(a%7==0 and a%5==0):
        print(a)
```

```
1505
1540
1575
1610
1645
1680
1715
1750
1785
1820
1855
1890
1925
1960
1995
2030
2065
2100
```

2135
2170
2205
2240
2275
2310
2345
2380
2415
2450
2485
2520
2555
2590
2625
2660
2695

```
In [6]: # Q.4 Write a Python program that accepts a word from the user and reverse it.

a= input("enter a word")
b=a[::-1]
b
```

enter a wordvaishnav
'vanhsiaiv'

```
Out[6]:
```

```
In [ ]: Q.5 Write a Python program to get the Fibonacci series between 0 to 50.
```

```
In [7]: a = 0
b = 1
print(a)
print(b)
for i in range(2,50):
    c = a + b
    a = b
    b = c
    print(c)
```

0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
6765

10946
 17711
 28657
 46368
 75025
 121393
 196418
 317811
 514229
 832040
 1346269
 2178309
 3524578
 5702887
 9227465
 14930352
 24157817
 39088169
 63245986
 102334155
 165580141
 267914296
 433494437
 701408733
 1134903170
 1836311903
 2971215073
 4807526976
 7778742049

In [8]:

```

# Q.6 Write a Python program to check whether an alphabet is a vowel or consonant.
ch = str(input('Enter the character'))
if(ch == 'a' or ch == 'i' or ch == 'e' or ch == 'o' or ch == 'u'):
    print(ch, 'is vowel')
else:
    print(ch, 'is consonant')

```

Enter the caractere
 e is vowel

In [10]:

```

#Q.7 Write a Python program to sum of two given integers. However, if the sum is bet

a= int(input("enter num1 "))
b= int(input("enter num2 "))
c=a+b
if(c>=15 and c<=20):
    print(c)
else:
    print("not between 15-20")

```

enter num1 17
 enter num2 19
 not between 15-20

In [11]:

```

# Q.8 Write a program to accept 'n' numbers from user , store these numbers into an

a= int(input("Number of inputs: "))
b=[]
for i in range(0,a+1):
    c=int(input(i))
    b.append(c)
print(b)

```

```
print("Minimum value is:",min(b))  
print("Max value is :",max(b))
```

```
Number of inputs: 5  
015  
120  
231  
350  
425  
512  
[15, 20, 31, 50, 25, 12]  
Minimum value is: 12  
Max value is : 50
```

In [12]:

```
# Q.10 Write a program to accept 'n' numbers from user , store these numbers into an
```

```
a= int(input("Number of inputs: "))  
b=[]  
for i in range(0,a+1):  
    c=int(input(i))  
    b.append(c)  
print(b)  
  
c= sorted(b)  
print(c)
```

```
Number of inputs: 4  
02  
13  
24  
35  
46  
[2, 3, 4, 5, 6]  
[2, 3, 4, 5, 6]
```

In []: