

IDLE Shell 3.10.7

```
File Edit Shell Debug Options Window Help  
Python 3.10.7 (tags/v3.10.7:6cc  
.1933, 32 bit (Intel)) on win32  
Type "help", "copyright", "cre  
ation.  
  
>>>  
= RESTART: C:/Users/sandeep mad  
n/Python310-32/isomorphic.py  
Enter the string:egg  
Enter the string:add  
True  
  
>>>  
= RESTART: C:/Users/sandeep mad  
n/Python310-32/isomorphic.py  
Enter the string:foo  
Enter the string:bar  
True  
  
>>>  
= RESTART: C:/Users/sandeep mad  
n/Python310-32/isomorphic.py  
Enter the string:paper  
Enter the string:title  
True  
  
>>>  
= RESTART: C:/Users/sandeep mad  
n/Python310-32/isomorphic.py  
Enter the string:fry  
Enter the string:sky  
True  
  
>>>  
= RESTART: C:/Users/sandeep mad  
n/Python310-32/isomorphic.py  
Enter the string:apples  
Enter the string:apple  
False  
>>>
```

```
isomorphic.py - C:/Users/sandeep maddukuri/AppData/Local/Programs  
File Edit Format Run Options Window Help  
def super(s,t):  
    if len(s) !=len(t):  
        return False  
    else:  
        map1,map2={},{}  
        for i in range(len(s)):  
            ch1,ch2=s[i],t[i]  
            if ch1 not in map1:  
                map1[ch1]=ch2  
            if ch2 not in map2:  
                map2[ch2]=ch1  
            if map1[ch1] !=ch2 or map2[ch2] !=ch1:  
                return False  
        return True  
  
s=str(input("Enter the string:"))  
t=str(input("Enter the string:"))  
|  
print(super(s,t))
```

```
def Hapnum(num):  
    r=sum=0;  
  
    if(num<0):  
        print("Doesn't exist")  
  
    while(num>0):  
        r=num%10;  
        sum=sum+(r*r);  
        num=num//10;  
    return sum;  
  
num=int(input("Enter the number:"))  
result=num;  
  
while(result!=1 and result != 4):  
    result=Hapnum(result);  
  
if(result==1):  
    print(str(num)+" is a happy number");  
elif(result==4):  
    print(str(num)+" is not a happy number");
```

IDLE Shell 3.10.7

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```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2023, 14:44:40) [MSC v.1932 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license" for more information.  
>>> = RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Python/Python310/hankg.py  
Enter the number:19  
19 is a happy number  
>>> = RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Python/Python310/hankg.py  
Enter the number:2  
2 is not a happy number  
>>> = RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Python/Python310/hankg.py  
Enter the number:-1  
Doesn't exist  
  
>>> = RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Python/Python310/hankg.py  
Enter the number:5  
5 is not a happy number  
>>> |
```

```
fdg.py - C:/Users/sandeep maddukuri/AppData/Local  
File Edit Format Run Options Window Help  
  
def isPalindrome(x):  
    return x==x[::-1]  
x=str(input("Enter the string:"))  
ans=isPalindrome(x)  
if ans:  
    print("True")  
else:  
    print("False")
```

IDE Shell 3.10.7

```
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b
Intel) ] on win32
Type "help", "copyright", "credit"
>>>
= RESTART: C:/Users/sandeep maddu
/fdg.py
Enter the string:121
True
>>>
= RESTART: C:/Users/sandeep maddu
/fdg.py
>>> Enter the string:-121
False
>>>
>>> = RESTART: C:/Users/sandeep maddu
/fdg.py
Enter the string:10
False
>>>
= RESTART: C:/Users/sandeep maddu
/fdg.py
Enter the string:abc
False
>>>
= RESTART: C:/Users/sandeep maddu
/fdg.py
>>> Enter the string:0
True
>>>
```

IDLE Shell 3.10.7

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```
Enter the number of fresh loaves purchased:4
Enter the number of old loaves purchased:6
Regular price: 185
Number of new loaves: 740.0
Amount of day old loaves: 666.0
Total amount to be paid: 1406.0
```

>>>

```
>>> = RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Pyth
```

```
Enter the number of fresh loaves purchased:-1
Enter the number of old loaves purchased:5
Regular price: 185
Number of new loaves: -185.0
Amount of day old loaves: 555.0
Total amount to be paid: 370.0
```

>>>

```
= RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Pyth
```

```
Enter the number of fresh loaves purchased:0
Enter the number of old loaves purchased:6
Regular price: 185
Number of new loaves: 0.0
Amount of day old loaves: 666.0
Total amount to be paid: 666.0
```

>>>

```
= RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Pyth
```

```
>>> Enter the number of fresh loaves purchased:7
Enter the number of old loaves purchased:8
Regular price: 185
Number of new loaves: 1295.0
Amount of day old loaves: 888.0
Total amount to be paid: 2183.0
```

>>>

```
= RESTART: C:/Users/sandeep maddukuri/AppData/Local/Programs/Pyth
```

```
>>> Enter the number of fresh loaves purchased:3
Enter the number of old loaves purchased:4
Regular price: 185
Number of new loaves: 555.0
Amount of day old loaves: 444.0
Total amount to be paid: 999.0
```

Shot on OnePlus

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hbyih.py - C:/Users/sandeep maddukuri/AppData/Local/Programs/Python/Python310-32/hb...

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```
a=int(input("Enter the number of fresh loaves purchased:"))
b=int(input("Enter the number of old loaves purchased:"))
r=185
c=185.00*a
d=1.85*60*b
e=c+d
print("Regular price:",r)
print("Number of new loaves:",c)
print("Amount of day old loaves:",d)
print("Total amount to be paid:",e)
```

Address

wswfwer.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/wswfw
File Edit Format Run Options Window Help

```
def addFrequency(s):
    frequency = [0] * 26
    n = len(s)
    for i in range(n):
        frequency[ord(s[i]) - ord('a')] += 1
    for i in range(n):
        add = frequency[ord(s[i]) - ord('a')] % 26
        if (ord(s[i]) + add <= ord('z')):
            s[i] = chr(ord(s[i]) + add)
        else:
            add = (ord(s[i]) + add) - (ord('z'))
            s[i] = chr(ord('a') + add - 1)

    print("".join(s))
if __name__ == '__main__':
    str = str(input("Enter the string:"))

    addFrequency([i for i in str])
```

Python 3.7.0 Shell

File Edit Shell Debug Options Window Help

higg
>>>
= RESTART: C:/Users/sse/AppData
r.py =
Enter the string:elephant
gmgqibou
>>>
= RESTART: C:/Users/sse/AppData
r.py =
>>>
Enter the string:apple
brrmf
>>>
= RESTART: C:/Users/sse/AppData
r.py =
Enter the string:orange
psbohf
>>>
= RESTART: C:/Users/sse/AppData
r.py =
Enter the string:lion
mipo



Type here to search



LG

wwwfwer.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/wwwfwer.py (3)

File Edit Format Run Options Window Help

```
I=[]  
n=int(input("Enter the range of list:"))  
for i in range(n):  
    elements=int(input("Enter the list elements:"))  
    I.append(elements)  
print(I)  
def sumsquares(l):  
    odd=0  
    even=0  
    for i in l:  
        if i%2==0:  
            even=even+i**2  
        else:  
            odd=odd+i**2  
    l=[odd,even]  
    return l  
print(sumsquares(I))
```

Python 3.7.0 Shell

File Edit Shell Debug Options Window Help

```
= RESTART: C:/Users/sse/  
Enter the range of list:5  
Enter the list elements:1  
Enter the list elements:2  
Enter the list elements:3  
Enter the list elements:4  
Enter the list elements:5  
[1, 2, 3, 4, 5]  
[35, 20]  
>>>  
= RESTART: C:/Users/sse/  
Enter the range of list:8  
Enter the list elements:2  
Enter the list elements:4  
Enter the list elements:5  
Enter the list elements:6  
Enter the list elements:7  
Enter the list elements:11  
Enter the list elements:12  
Enter the list elements:13  
[2, 4, 5, 6, 7, 11, 12, 13]  
[364, 200]
```



Type here to search



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Python 3.7.0 Shell
File Edit Shell Debug Options Window Help

Enter the value of n:1

5

>>>

==== RESTART: C:/Users/sse/AppDa

>>>

Enter the value of n:2

15

>>>

==== RESTART: C:/Users/sse/AppDa

Enter the value of n:33

66045

>>>

==== RESTART: C:/Users/sse/AppDa

>>>

Enter the value of n:10

1001

>>>

==== RESTART: C:/Users/sse/AppDa

>>>

Enter the value of n:5

126

>>>

yct.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/y... —
File Edit Format Run Options Window Help

```
def countstrings(n,start):
    if n==0:
        return 1
    cnt=0

    for i in range(start,5):
        cnt+=countstrings(n -1, i)
    return cnt

def countvowelstrings(n):
    return countstrings(n,0)
n=int(input("Enter the value of n:"))
print(countvowelstrings(n))
```

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ertyr.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/ertyr.py (3.7.0)

File Edit Format Run Options Window Help

```
class Solution(object):
    def isNumber(self, s):
        s = s.strip()
        try:
            s = float(s)
            return True
        except:
            return False

ob = Solution()
print(ob.isNumber("0"))
print(ob.isNumber("e"))
print(ob.isNumber(" "))
print(ob.isNumber("."))
print(ob.isNumber("%"))
```

Python 3.7.0 Shell

File Edit Shell Debug Options Window Help

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 2
it (Intel)] on win32
Type "copyright", "credits" or "license()" f
>>>
== RESTART: C:/Users/sse/AppData/Lo
ertyr.py ==
True
False
False
False
False
False
>>> |
```



Type here to search



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20 lines (19 sloc) | 322 Bytes

```
1 l=[ ]
2 n=int(input("enter list size: "))
3 for i in range(n):
4     l2=int(input("enter list items: "))
5     l.append(l2)
6 print(l)
7 def maxArea( A):
8     l = 0
9     r = len(A) -1
10    area = 0
11    while l < r:
12        area = max(area, min(A[l],
13                           A[r]) * (r - 1))
14
15        if A[l] < A[r]:
16            l += 1
17        else:
18            r -= 1
19    return area
20 print(maxArea(l))
```