

## Assignment-1

1] check two strings are anagrams or not .

Code:

```
def program(x, y):  
  
    if(sorted(x.lower())== sorted(y.lower())):  
        print("Given string is Anagrams.")  
    else:  
        print("Given string is not Anagrams.")
```

x="reisha"

y="shanire"

program(x, y)

Output:



```
main.py  [ ] [ ] Run Shell  
1- def program(x, y):  
2  
3-     if(sorted(x.lower())== sorted(y.lower())):  
4         print("Given string is Anagrams.")  
5-     else:  
6         print("Given string is not Anagrams.")  
7  
8 x ="reisha"  
9 y ="shanire"  
10 program(x, y)  
11  
12
```

Given string is not Anagrams.  
> |

2) create array which addition is 12.

Code:

x = [-2,-1, 0,2,3,4,5,6,7,8,9]

y = 10

num = 0

```
def sum() :  
  
    for i in range(0, len(x)) :  
        for j in range(i,len(x)) :
```

```

if(x[i]+x[j] == y) :
    print(x[i], x[j])

```

sum()

### Output:

main.py	Run	Shell
<pre> 1 x = [-2,-1, 0,2,3,4,5,6,7,8,9] 2 y = 10 3 num = 0 4 5 def sum() : 6     for i in range(0, len(x)) : 7         for j in range(i,len(x)) : 8             if(x[i]+x[j] == y) : 9                 print(x[i], x[j]) 10 </pre>		<pre> 2 8 3 7 4 6 5 5 &gt;   </pre>

### 3)Remove given character from string

#### Code:

```
f = input("Enter string : ")
```

```
g = input("replace the word from string is : ")
```

```
h = input("replace the word {g} to : ")
```

```
w= f.replace(g,h)
```

```
print(w)
```

```
print(h)
```

### Output:

main.py	Run	Shell
<pre> 1 f = input("Enter string : ") 2 3 g = input("replace the word from string is : ") 4 h = input("replace the word {g} to : ") 5 6 w= f.replace(g,h) 7 8 print(w) </pre>		<pre> Enter string : renisha replace the word from string is : isha replace the word {g} to : y reny &gt;   </pre>

