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

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
```

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
                                                                                            2 8
  1 x = [-2, -1, 0, 2, 3, 4, 5, 6, 7, 8, 9]
 y = 10
                                                                                            3 7
 3 \quad \text{num} = 0
                                                                                            4 6
                                                                                            5 5
 4
 5 - def sum() :
  6 * for i in range(0, len(x)) :
            for j in range(i,len(x)) :
  7 -
  8 =
                 if(x[i]+x[j] == y):
  9
                      print(x[i], x[j])
10
```

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

I f = input("Enter string : ")

Enter string : renisha replace the word from string is : isha replace the word from string is : isha replace the word {g} to : y

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

w = f.replace(g,h)

print(w)

Shell

Enter string : renisha replace the word from string is : isha replace the word {g} to : y

reny

| Publication of the string is is isha replace the word {g} to : y

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