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:

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

```
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])
```

Shell

```
2 8
3 7
4 6
5 5
>
```

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

```
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)
```

Shell

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