PYTHON ASSIGNMENT BOOK

MAKE A MOVE TO PYTHON



**ASSIGNMENTS**

**Input: (Used Visual studio)**

print("\nQuestion 1\n")

x=str(input("please enter something: "))

print(x[::-1])

print("\nQuestion 2\n")

a=str(input("please enter input: "))

def x(j):

    capi=0

    small=0

    for i in range(len(a)):

        if a[i].isupper() :

            capi=capi+1

        elif a[i].islower():

            small=small+1

    print("No. of upper case characters:", capi,

        "\nNo. of lower case characters:", small)

x(a)

print("\nQuestion 3\n")

li=["a","b","c","c","d",'b',"e","e","a"]

def x(i):

    b=set(i)

    c=list(b)

    print(c)

x(li)

print("\nQuestion 4\n")

in1=str(input("please enter input: "))

def x(i):

    a=i.split("-")

    a.sort()

    b=str()

        for j in a:

        if j==a[0]:

            b=j

        else:

            b=b+"-"+j

    print(b)

x(in1)

print("\nQuestion 5\n")

in1=str(input("Please enter input: "))

print(in1.upper())

print("\nQuestion 6\n")

in1=input("please enter a number: ")

in2=input("please enter another number: ")

def x(a,b):

    print(type(a),type(b))

    print((int(a)+int(b)))

x(in1,in2)

print("\nQuestion 7\n")

in1=input("Please enter input 1: ")

in2=input("Please enter input 1: ")

def longstr(x,y):

    if len(x)==len(y):

        print('\n',x,'\n',y)

    elif len(x)>len(y):

        print('\n',x)

    else:

        print('\n',y)

longstr(in1,in2)

print("\nQuestion 8\n")

def sqr(a):

    b=[]

    for i in range(1,a+1):

        b.append(i\*\*2)

    print(tuple(b))

sqr(20)

print("\nQuestion 9\n")

def even\_odd(a):

    for i in range(a+1):

        if i%2==0:

            print(i,"EVEN")

        else:

            print(i,"ODD")

even\_odd(11)

**Output:**



