PYTHON ASSIGNMENT BOOK

MAKE A MOVE TO PYTHON



**ASSIGNMENTS**

Input: (Used Visual studio)

print("\nQuestion 1\n")

a = [1,2,(3j+4), 4.7, "consultadd",6,7,8,9,10]

print(a)

print("\nQuestion 2\n")

b=a[:5]

print(b)

print("\nQuestion 3\n")

x=[2,3,4,5,6,7,8]

total=0

mult=1

for n in x:

    total=total+n

    mult=mult\*n

print("sum=",total,"\nmultiplication=",mult)

print("\nQuestion 4\n")

print("largest value of set x=",max(x),"\nsmallest value of set x=",min(x))

print("\nQuestion 5\n")

for n in x:

    if (n%2==0):

        x.remove(n)

print(x)

print("\nQuestion 6\n")

a=range(1,31)

s=[]

for i in a:

    s.append(i\*\*2)

x=s[:5]

x.extend(s[-5:])

print(x)

print("\nQuestion 7\n")

a=[1,3,5,7,9,10]

b=[2,4,6,8]

a.pop(-1)

a.extend(b)

print(a)

print("\nQuestion 8\n")

a={1:10,2:20}

b={3:30,4:40}

a.update(b)

print(a)

print("\nQuestion 9\n")

x={}

n=int(input("please enter a number: "))

for i in range(1,n+1):

    x[i]=i\*i

print(x)

("\nQuestion 10\n")

n=input("please enter numbers seperated by comma: ")

l=n.split(",")

t=tuple(l)

print(t,"\n",l )

Output:



