3rd Assignment

#taskthree

#1st

list1 = [10,10.36,'i+3',"supriya"]

print(list1)

#2nd

list2 = [1,2,3,4]

print(list2[:])

print(list2[1:3])

#3rd

list3 = [1,2,3,4]

sum=0

mul=1

for i in list3:

sum=sum+i

mul=mul\*i

print(sum)

print(mul)

#4th

list3 = [2,1,4,3]

list3.sort()

max=list3[-1]

min=list3[0]

print(max)

print(min)

#5th

list4 = [2,3,4,5,6,8]

list3=list()

for i in list4:

if i%2!=0:

list3.append(i)

print(list3)

#6th

l = list()

for i in range(1,31):

l.append(i\*\*2)

print(l[:5])

print(l[-5:])

#7th

list=[[1,3,5,7,9,10],[2,4,6,8]]

num1 = list[0]

num2=list[1]

num1[-1:]=num2

print(num1)

#8th

a={1:10,2:20}

b={3:30,4:40}

a.update(b)

print(a)

#9th

list=[1,2,3,4]

d={}

for i in list:

d[i]=i\*i

print(d)

#or

d={}

for i in range(0,6):

d[i]=i\*i

print(d)

#10th

values = input("Input some comma separated numbers : ")

list = values.split(",")

tuple = tuple(list)

print('List : ',list)

print('Tuple : ',tuple)