Python programming basic assignment 19:

Q1) def repeat(strr):

strr2 = ''

for i in strr:

strr2 = strr2 + i + i

return strr2

print(repeat("String"))

print(repeat("Hello World!"))

print(repeat(“1234!\_"))

Q2) def reverse(n):

if n == True:

return False

elif n == False:

return True

else:

return "boolean expected"

print(reverse(True))

print(reverse(False))

print(reverse(0))

print(reverse(None))

Q3) def num\_layers(n):

t = 0.001

for i in range(n-1):

t = t\*2

return t

print(num\_layers(1))

print(num\_layers(4))

print(num\_layers(21))

Q4) def caps\_index(a):

listc = []

for i in range(len(a)):

if a[i].isupper():

listc.append(i)

return listc

print(caps\_index("eDaBiT"))

print(caps\_index("eQuINoX"))

print(caps\_index("determine"))

print(caps\_index("STRIKE"))

print(caps\_index(“sUn"))

Q5) def giveeven(n):

liste = []

for i in range(1,n+1):

if i%2 == 0:

liste.append(i)

return liste

print(giveeven(8))

print(giveeven(4))

print(giveeven(2))