Python programming basic assignment 15:

Q1) n = int(input("enter maximum number "))

def divisor(a):

for i in range(0,a+1):

if i%35 == 0:

yield i

string = ""

for j in divisor(n):

string = string + str(j) + ","

print(string)

Q2) n = int(input("enter maximum number "))

def even(a):

for i in range(0,a+1):

if i%2 == 0:

yield i

string = ""

for j in even(n):

string = string + str(j) + ","

print(string)

Q3) m = int(input("enter how many fibonacci numbers are required "))

list13 = [0,1]

for i in range(m):

list13.append(int(list13[-2]+int(list13[-1])))

print(list13)

Q4) print("enter email address")

a = input()

b, c = a.split("@")

print(b)

Q5) class Shape:

def \_\_init\_\_(self, area):

self.area = area

def area():

return 0

class Square(Shape):

def \_\_init\_\_(self, length):

self.length = length

def area():

ar = length\*\*2

return ar

sq = Square(5)

print(sq.area)