Python programming basic assignment 4:

Q1) a = int(input("enter positive integer "))

j = 1

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

j = j\*i

print(j)

Q2) a = int(input("enter positive integer "))

b = int(input("till which number do you need table? "))

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

print(I\*a)

Q3) a = int(input("how many fibonacci numbers do you want? "))

b = 0

d = 1

print(b)

if a%2 == 0:

e = int(a/2)

if a%2 != 0:

e = int((a-1)/2)

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

b = b + d

print(b)

d = b + d

print(d)

Q4) a = int(input("enter number "))

c = 0

for i in str(a):

b = int(len(str(a)))

c = c + int(i)\*\*b

if c == a:

print("it is amstrong number")

else:

print("it is not amstrong number”)

Q5) s = int(input("give starting number of interval "))

e = int(input("give ending number of interval "))

for a in range(s, e+1):

c = 0

for i in str(a):

b = int(len(str(a)))

c = c + int(i)\*\*b

if c == a:

print(a)

Q6) a = int(input("enter the maximum natural number to get sum "))

b = (a\*(a+1))/2

print(b)