1.4/ erreur de division par 0

2.1 /

2.2/ 17\*\*1024 =

954323220908107806890271773763425143110199503525825903557062961940819795748280423396647845790014219489456708662815319358412843183330480041082039976464816612886821974641065897995008439222472500577284100218629500369035093196463688317257700408553221276441265481598572109968005786759492350793556763673550604451065428255342718861906039774238740014854250695813554813788846510524449177269862590206662557946228573982621291138217426922155416007285834285583894567392264925395269887598467040843685982922397125323941092450362177470030271989353090731777953838484076293498625785165488070066966011966037297108439837476110447821270101704919116675458221277160424476364557066193320574796715654186871785559517945770556510601407281242924006041001338798468249613629417415974336582211085677909170147237846951830630465450408687626752440487163551401125114043092845067670682464574377458630718843917708643772563120270976341920576884151871142049022478940220844770961615531135261164830188550339626376598973539175192932774993198151938104905884110417995872091428190292311311265351694051866878788235336748240212268656704026986602932281202333263097671425060990917069510364409692108329033679325498709278852096849100530082748853051703503056780748322306837819004573560928311254029128586449797121

3.1

i = 42/4

a = 42//4

z = 42%4

print(i)

print(a)

print(z)

10.5

10

2

3.2

import random  
from random import randint  
  
i = randint(0, 100)  
strform = str(i)  
e = strform[-1]  
# si le dernier chiffre est égal a 0 ou 2 ou 4 ou 6 ou 8 alors c'est pair dans l'autre cas c'est impair  
if e == "0" or e == "2" or e == "4" or e == "6" or e == "8" :  
 print(e)  
 print("odd")  
else:  
 print(e)  
 print("even")

3.3

list1 = [1,2,3,4,3,4,5,6,5]

resultat = 0

for element in list1:

    resultat = resultat + element

print(resultat)

list1 = [3,4,5,5,6,7,4,2,6]  
resultat = 0  
for element in list1:

    resultat = resultat + element

print(resultat)

list1 = [4,4,4,9,0,3,2,0,0,9,7]  
resultat = 0  
for element in list1:

    resultat = resultat + element

print(resultat)

3.4

i = 424242.8412  
a = int(i)  
p = i-a  
print(p)

3.5

i = 12.24  
a = int(i)  
p = i-a  
e = i-p  
print(int(e))

4.1

# faire en sorte que a chaque boucle cela enregistre le dernier  
# ajoute et que cela change les signes entre deux  
i = 1  
somme = 0  
signe = 1  
while i < 1002:

#faire le calcul a chaque fois  
 pi = ( signe\*1/i )  
 # valeur sauvegarde et rajout du résultat précedant  
 somme = somme + pi  
 # incrementation de i  
 i += 2  
 # changement de signe pour le prochain calcul  
 signe \*= -1  
# faire la somme finale  
somme = 4\*somme  
# afficher le resultat et prendre que les 6 première decimal  
print(round(somme,6))

4.2