zadaniedomowe

July 4, 2021

In [19]:
```
paragon = [("ciastko czekoladowe", 1.49, 2, B),
("rogalik croissant", 1.29, 2, B),
("serek zakopane", 6.99, 1, C),
("serek mascarpone", 4.49, 2, C),
("ser mozzarella", 2.45, 1, C),
("pomidory luz", 2.24, 1, C),
("maso ekstra", 6.99, 1, C),
("cytryna bio", 7.99, 1, B),
("buka poranna", 0.89, 2, C),
("torba", 0.25, 1, A),
("buka pszenno-ytnia", 0.69, 2, C),
("bagietka z ziarnami", 1.49, 1, C),
("szynka mix", 4.99, 1, C),
("ciasto moza", 2.39, 2, B),
("hot dog berlinka", 2.79, 1, B),
("serek delik", 2.99, 1, C)]
```

In [20]:
```
A=0.23
B=0.08
C=0.05
D=0
```

In [21]:
```
def suma_produktów(x):
    suma=0
    for i in range (0,len(paragon)):
        suma = suma + (paragon[i][1]*paragon[i][2])
    return(suma)
print(suma_produktów(paragon))
print(round(suma_produktów(paragon),2))
```

```
61.65000000000001
61.65
```

In [22]:
```
def kwoty_netto(x):
    sumaA=0
    sumaB=0
    sumaC=0
```

```
            sumaD=0
            for i in range (0,len(paragon)):
                    if paragon[i][3] == A:
                        sumaA=sumaA+((paragon[i][1]*paragon[i][2]*100)/123)
                    elif paragon[i][3] == B:
                        sumaB=sumaB+((paragon[i][1]*paragon[i][2]*100 )/108)
                    elif  paragon[i][3] == C:
                        sumaC=sumaC+((paragon[i][1]*paragon[i][2]*100)/105)
                    elif paragon[i][3] == D:
                        sumaD=sumaD+((paragon[i][1]*paragon[i][2]*100)/100)
            return(sumaA,sumaB,sumaC,sumaD)

        print(kwoty_netto(paragon))
        print(sum(kwoty_netto(paragon)))
        print(round(sum(kwoty_netto(paragon)),2))
```

```
(0.2032520325203252, 19.555555555555554, 38.36190476190476, 0)
58.120712349980636
58.12
```

```
In [23]: def suma_podatków(x):
            sumaA=0
            sumaB=0
            sumaC=0
            sumaD=0
            for i in range (0,len(paragon)):
                    if paragon[i][3] == A:
                        sumaA=sumaA+((paragon[i][1]*23*paragon[i][2])/123)
                    elif paragon[i][3] == B:
                        sumaB=sumaB+((paragon[i][1]*8*paragon[i][2])/108)
                    elif  paragon[i][3] == C:
                        sumaC=sumaC+((paragon[i][1]*5*paragon[i][2])/105)
                    elif paragon[i][3] == D:
                        sumaD=sumaD+((paragon[i][1]*0*paragon[i][2])/100)
            return(sumaA,sumaB,sumaC,sumaD)
        print(suma_podatków(paragon))
        print(sum(suma_podatków(paragon)))
        print(round(sum(suma_podatków(paragon)),2))
```

```
(0.046747967479674794, 1.5644444444444443, 1.9180952380952383, 0)
3.5292876500193575
3.53
```

```
In [24]: round(round(sum(kwoty_netto(paragon)),2) + round(sum(suma_podatków(paragon)),2),2) ==
```

```
Out[24]: True
```

In [ ]:

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