

Tutoriat Programare Procedurală

Rezolvări Exerciții Tutoriat 1 – 20/10/25

Ex1 (1.1, 1):

```
[a, b] = input().split()  
a = int(a)  
b = int(b)  
print (a+ b, a*b, abs(a-b), a//b)  
print (a+ b, a*b, abs(a-b), a//b, sep = ",", end = ".")  
print()  
print (a+ b, a*b, abs(a-b), a//b, sep = "\n", end = "")
```

Ex2 (1.1, 2):

```
[a, b, c] = input(). split()  
a = int(a)  
b = int(b)  
c = int (c)  
ma = (a+ b+ c)/3  
ma_rounded = (int(100*ma))/100  
print(ma_rounded)  
print(f" media aritmetică este {ma:.2f}")  
n = input()  
if n == n[::-1]:  
    print("Este palindrom.")
```

```
else:  
    print(f"{n} nu este palindrom.")
```

Ex 3 (1.2, 1):

```
n = int(n)  
  
copan = n  
  
rev = 0  
  
while(copan):  
    rev = rev*10 + copan % 10  
    copan //= 10  
  
    if n == rev:  
        print("este palindrom")  
  
    else:  
        print("nu este palindrom")
```

Ex 4 (1.2, 2):

```
a = (input("Primul numar, boss: "))  
  
b = (input("Al doilea numar: "))  
  
sum_a = 0  
  
sum_b = 0  
  
while(a):  
    sum_a += a % 10  
    a //= 10  
  
    while b:  
        sum_b += b % 10  
        b //= 10
```

```
print(sum_a, sum_b)
print(abs(sum_a - sum_b))
n = len(a)
m = len (b)
a = int(a)
b = int(b)
for i in range(n):
    sum_a += a % 10
    a //= 10
for i in range(m):
    sum_b += b % 10
    b //= 10
print(sum_a, sum_b)
print(sum_a - sum_b)
```

Ex 5 (1.3, 2):

```
n = int(input("Nr de numere: "))
ls = []
for i in range(n):
    x = int(input())
    ls.append(x)
ls.sort()
print(ls)
```