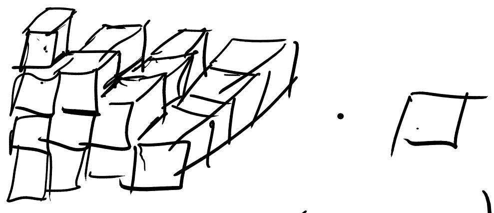
$$\sum_{i=1}^{9} i = 1+2+3+\ldots+9$$

$$\sum_{i=1}^{4} i^2 = 1^2+2^2+3^2+4^2 = 30$$

$$\sum_{x=1}^{10} 2x = 2+4+6+8+10+\ldots+20$$



$$\sum_{i=1}^{10}\sum_{j=1}^{i} j = 1+(1+2)+(1+2+3)+\ldots+(1+2+3+\ldots10)$$

1 1 1+2 1 1+2 1+2+3 1+ 2+ 3+ ... +10

$$\underbrace{\sum_{i=1}^{10}\sum_{j=1}^{i}}_{220}\underbrace{\sum_{k=1}^{j} k}_{715} = ?$$

sarakstiet programmu

$$\sum_{1=1}^{10}$$

```
int res=0;
for(int i=1; i≤10; i++)
    res += i;
```

```
x=x+2;      ++x++;
```

$$\sum_{x=1}^{100}\left(x+\sum_{y=x}^{100} y\right)=?$$

$\boxed{343400}$ ✓

171700

$$\frac{\pi}{4}=\underbrace{1-\frac{1}{3}+\frac{1}{5}-\frac{1}{7}+\frac{1}{9}-\frac{1}{11}+\frac{1}{13}+\ldots}$$

$$\sum_{i=0}^{\infty}\frac{(-1)^i}{2i+1}\quad\boxed{\sim 0{,}79}$$

Leibniz formula for approximating π

$$\sum_{i=0}^{\infty}\begin{cases}-\frac{1}{2i+1}, & ja\ i\,\%\,2\\ citādi\ \frac{1}{2i+1}\end{cases}$$

int neder

vajag double

if(i%2==0)

$i:2$

#include <math.h>

$$\sum_{i=1}^{100}\left(\sqrt{\sum_{j=1}^{i^2} j}\right)=?$$

sqrt( )

$$\sum_{i=1}^{100} i$$

825.682

1,4

$$\sqrt{12}\sum_{k=0}^{\infty}\frac{(-3)^{-k}}{2k+1}$$