20.11.19.

SEMINAR 4

emplace_back → creează și pune în str. (C++)
i → current thread : sumInterleaved(a, b, s, nrThreads, i)

VectorSum:

```
int n = a.size();
int c = n/nrThreads;
int beginIndex = i * c;
int endIndex = i * (c+1);

int endIndex=(i==nrThreads-1)?n : i*(c+1)
int endIndex=(n%nrThreads==0)? i*(c+1) : i*(c+1)+1,
```

end(i) = begin(i+1)
begin(0) = 0
end(nrThreads) - n

begin = c * i + (i >= n % nrThreads ? n % nrThreads : 0)

```
begin = (i * n)/nrThreads;
```
↑ div

Sum the numbers of a vector allSum.cpp
→ binary tree