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PS C:\Users\Olga\Desktop\studia\gran canaria\matrix multiplication\matrix-multiplication-language-benchmark\Task 2 - Optimization of sparse matrix\Python> pytest matrix.py -s
===== test session starts =====
platform win32 -- Python 3.10.11, pytest-8.3.3, pluggy-1.5.0
benchmark: 4.0.0 (defaults: timer=time.perf_counter disable_gc=False min_rounds=5 min_time=0.000005 max_time=1.0 calibration_precision=10 warmup=False warmup_iterations=100000)
rootdir: C:\Users\Olga\Desktop\studia\gran canaria\matrix multiplication\matrix-multiplication-language-benchmark\Task 2 - Optimization of sparse matrix\Python
plugins: benchmark-4.0.0, xdist-3.6.1
collected 1 item

matrix.py
CPU time: 656.25 ms
Memory usage: 65101824 bytes
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----- benchmark: 1 tests -----
Name (time in ms)      Min      Max      Mean StdDev  Median   IQR  Outliers    OPS  Rounds  Iterations
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test_sparse_matrix_multiply  61.3029  82.1340  67.9394  5.7500  67.9587  8.4330      5;0  14.7190     16         1

Legend:
  Outliers: 1 Standard Deviation from Mean; 1.5 IQR (InterQuartile Range) from 1st Quartile and 3rd Quartile.
  OPS: Operations Per Second, computed as 1 / Mean
===== 1 passed in 6.58s =====
```