## 94 function calls in 0.000 seconds

Ordered by: standard name

0.000

100

0.000

```
percall filename:lineno(function)
ncalls tottime
                                cumtime
                    percall
            0.000
                       0.000
                                  0.000
                                             0.000 codecs.py:318(decode)
    20
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:16(add)
                       0.000
                                  0.000
            0.000
                                             0.000 matlib.py:24(sub)
     2
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:32(mul)
                                             0.000 matlib.py:40(div)
      2
            0.000
                       0.000
                                  0.000
     11
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:64(pow)
                                             0.000 matlib.py:75(sqrt)
0.000 standard_deviation.py:46(arithmetic_mean)
            0.000
                       0.000
                                  0.000
     1
                       0.000
            0.000
                                  0.000
      1
            0.000
                       0.000
                                  0.000
                                             0.000 standard_deviation.py:59(solve_deviation)
            0.000
                       0.000
                                  0.000
                                             0.000
                                                    standard_deviation.py:81(<listcomp>)
      1
            0.000
                       0.000
                                  0.000
                                                    {built-in method _codecs.utf_8_decode}
      3
                                             0.000
                                                    {built-in method builtins.isinstance}
            0.000
                       0.000
                                  0.000
                                             0.000
     11
            0.000
                       0.000
                                  0.000
                                             0.000
                                                     {built-in method builtins.len}
      3
      1
            0.000
                       0.000
                                  0.000
                                             0.000
                                                     {built-in method builtins.print}
                       0.000
                                  0.000
                                                     {built-in method builtins.round}
     1
            0.000
                                             0.000
                                                    {method 'append' of 'list' objects}
{method 'disable' of '_lsprof.Profiler' objects}
{method 'readlines' of '_io._IOBase' objects}
{method 'rstrip' of 'str' objects}
{method 'split' of 'str' objects}
                                  0.000
            0.000
                       0.000
                                             0.000
    10
            0.000
                       0.000
                                  0.000
                                             0.000
     1
     1
            0.000
                       0.000
                                  0.000
                                             0.000
            0.000
                       0.000
                                  0.000
                                             0.000
    10
     10
            0.000
                       0.000
                                  0.000
                                             0.000
```

Obrázek 1: Statistické výsledky pro 10 vstupů

```
724 function calls in 0.000 seconds
Ordered by: standard name
                                          percall filename:lineno(function)
ncalls tottime
                               cumtime
                    percall
            0.000
                       0.000
                                  0.000
                                             0.000 codecs.py:318(decode)
   200
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:16(add)
      2
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:24(sub)
                                             0.000 matlib.py:32(mul)
            0.000
                       0.000
                                  0.000
      2
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:40(div)
   101
            0.000
                       0.000
                                  0.000
                                             0.000 matlib.py:64(pow)
                                             0.000 matlib.py:75(sqrt)
0.000 standard_deviation.py:46(arithmetic_mean)
            0.000
                       0.000
                                  0.000
      1
            0.000
                       0.000
                                  0.000
      1
            0.000
                       0.000
                                  0.000
                                             0.000 standard_deviation.py:59(solve_deviation)
            0.000
                       0.000
                                  0.000
                                             0.000
                                                    standard_deviation.py:81(<listcomp>)
      1
                                                    {built-in method _codecs.utf_8_decode}
      3
            0.000
                       0.000
                                  0.000
                                             0.000
                                                     {built-in method builtins.isinstance}
   101
                       0.000
                                  0.000
            0.000
                                             0.000
            0.000
                       0.000
                                  0.000
                                             0.000
      3
                                                     {built-in method builtins.len}
      1
            0.000
                       0.000
                                  0.000
                                             0.000
                                                     {built-in method builtins.print}
                                                     {built-in method builtins.round}
            0.000
                       0.000
                                  0.000
                                             0.000
      1
                                                    {method 'append' of 'list' objects}

{method 'disable' of '_lsprof.Profiler' objects}

{method 'readlines' of '_io._IOBase' objects}

{method 'rstrip' of 'str' objects}

{method 'split' of 'str' objects}
                       0.000
                                  0.000
                                             0.000
   100
            0.000
                                             0.000
            0.000
                       0.000
                                  0.000
            0.000
                       0.000
                                  0.000
                                             0.000
                       0.000
                                  0.000
   100
            0.000
                                             0.000
```

Obrázek 2: Statistické výsledky pro 100 vstupů

0.000

## 7028 function calls in 0.002 seconds

Ordered by: standard name

```
ncalls tottime
                     percall
                                 cumtime percall filename:lineno(function)
                                                0.000 codecs.py:318(decode)
             0.000
                        0.000
                                    0.000
   2000
                                    0.000
             0.000
                        0.000
                                                0.000 matlib.py:16(add)
             0.000
                        0.000
                                    0.000
                                                0.000 matlib.py:24(sub)
      2
                        0.000
                                    0.000
                                                0.000 matlib.py:32(mul)
             0.000
      1
      2
             0.000
                        0.000
                                    0.000
                                                0.000 matlib.py:40(div)
                                                0.000 matlib.py:64(pow)
  1001
             0.000
                        0.000
                                    0.000
                                               0.000 matlib.py:75(sqrt)
0.000 standard_deviation.py:46(arithmetic_mean)
0.002 standard_deviation.py:59(solve_deviation)
                                    0.000
             0.000
                        0.000
      1
      1
             0.000
                        0.000
                                    0.000
             0.001
                        0.001
                                    0.002
      1
                        0.000
                                    0.000
      1
             0.000
                                                0.000 standard_deviation.py:81(<listcomp>)
                                                        {built-in method _codecs.utf_8_decode} {built-in method builtins.isinstance}
      5
             0.000
                        0.000
                                    0.000
                                                0.000
   1001
             0.000
                        0.000
                                    0.000
                                                0.000
      3
             0.000
                        0.000
                                    0.000
                                                0.000
                                                        {built-in method builtins.len}
             0.000
                        0.000
                                    0.000
                                                0.000
                                                        {built-in method builtins.print}
      1
                                                0.000
                                                        {built-in method builtins.round}
             0.000
                        0.000
                                    0.000
      1
   1000
             0.000
                        0.000
                                    0.000
                                                0.000
                                                        {method 'append' of 'list' objects}
                                               0.000 {method 'disable' of '_lsprof.Profiler' objects}
0.000 {method 'readlines' of '_io._IOBase' objects}
0.000 {method 'rstrip' of 'str' objects}
0.000 {method 'split' of 'str' objects}
             0.000
                        0.000
                                    0.000
      1
      1
             0.000
                        0.000
                                    0.000
   1000
             0.000
                        0.000
                                    0.000
  1000
             0.000
                        0.000
                                    0.000
```

Obrázek 3: Statistické výsledky pro 1000 vstupů