

Marcin Sawczuk 303163, zajęcia 11

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marcin@Inspirin-5570: ~/Pulpit/PMiM/Lab 12
Plik Edycja Widok Wyszukiwanie Terminal Pomoc
marcin@Inspirin-5570:~/Pulpit/PMiM/Lab 12$ gcc -no-pie -o lab_11 lab_11.c lab_11.s -lm
marcin@Inspirin-5570:~/Pulpit/PMiM/Lab 12$ ./lab_11
[CD1] ----- 10 iterations - value = 3.04183961892940324 -----
[CD1] sgram lab_100 iterations - value = 3.13159293055855369
[CD1] 1000 iterations - value = 3.14059265383979413
[CD1] sample 10000 iterations - value = 3.14149265359003449 1m
[CD1] sum 100000 iterations - value = 3.14158265358971978
[CD1] 1000000 iterations - value = 3.14159165358977432
[CD1] 10000000 iterations - value = 3.14159255358979150 -----
[CD1] 100000000 iterations - value = 3.14159264358932599
[CD1] 1000000000 iterations - value = 3.14159265258805043
[CD1] 10000000000 iterations - value = 3.14159265348834582
Time = 42174.1740 ms
[CD2] ----- 10 iterations - value = 3.04183961892940236 -----
[CD2] BASE 100 iterations - value = 3.13159293055855280
[CD2] the LOG OF 1000 iterations - value = 3.14059265383977770
[CD2] 10000 iterations - value = 3.14149265359004914
[CD2] 100000 iterations - value = 3.14158265358970645
[CD2] s fun 1000000 iterations - value = 3.14159165358970682
[CD2] s fun 10000000 iterations - value = 3.14159255358580580
[CD2] 100000000 iterations - value = 3.14159264358448809
[CD2] 1000000000 iterations - value = 3.14159265258555465 -----
[CD2] 10000000000 iterations - value = 3.14159265348480332
Time = 42607.7780 ms
[CF1] ----- 10 iterations - value = 3.04183959960937500 -----
[CF1] last dens 100 iterations - value = 3.13159251213073730
[CF1] last num 1000 iterations - value = 3.14059257507324219
[CF1] last tw 10000 iterations - value = 3.14149856567382812
[CF1] avg int 100000 iterations - value = 3.14158582687377930
[CF1] 1000000 iterations - value = 3.14159536361694336
[CF1] 10000000 iterations - value = 3.14159679412841797
[CF1] 100000000 iterations - value = 3.14159679412841797
[CF1] 1000000000 iterations - value = 3.14159679412841797
[CF1] 10000000000 iterations - value = 3.14159679412841797
Time = 35624.2140 ms
[CF2] ----- 10 iterations - value = 3.04184055328369141 -----
[CF2] 100 iterations - value = 3.13159465789794922
[CF2] counter 1000 iterations - value = 3.14058685302734375
[CF2] 10000 iterations - value = 3.14148902893066406
[CF2] sturn 100000 iterations - value = 3.14157199859619141
[CF2] 1000000 iterations - value = 3.11792728271484375
[CF2] 10000000 iterations - value = 2.45836125183105469
[CF2] 100000000 iterations - value = 2.45836125183105469
[CF2] 1000000000 iterations - value = 2.45836125183105469
Menu [PMiM-Deck] [Lab 12] [lab_11.c - /Pul... marcin@insp...
C++ Szerekkod tabulacji: 4+ Wiersz 5, Kolumn 21 WYST
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marcin@Inspiron-5570: ~/Pulpit/PMiM/Lab 12
Plik Edycja Widok Wyszukiwanie Terminal Pomoc
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 12$ gcc -no-pie -o crctest crctest.c crs.c
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 12$ ./crctest
In C --- CRC = 57FD18E5, time = 12.258 seconds
In ASM1 - CRC = 57FD18E5, time = 6.672 s
In ASM2 - CRC = 57FD18E5, time = 2.491
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 12$
```

```
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 12$ gcc -no-pie -o lab_11 lab_11.c lab_11.s -lm
```

```
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 12$ ./lab_11
```

```
[CD1]      10 iterations - value = 3.04183961892940324
```

```
[CD1] 100 iterations - value = 3.13159290355855369
```

```
[CD1]      1000 iterations - value = 3.14059265383979413
```

```
[CD1] 10000 iterations - value = 3.14149265359003449
```

```
[CD1] 100000 iterations - value = 3.14158265358971978
```

[CD1] 1000000 iterations - value = 3.14159165358977432
[CD1] 10000000 iterations - value = 3.14159255358979150
[CD1] 100000000 iterations - value = 3.14159264358932599
[CD1] 1000000000 iterations - value = 3.14159265258805043
[CD1] 10000000000 iterations - value = 3.14159265348834582

Time = 42174.1740 ms

[CD2] 10 iterations - value = 3.04183961892940236
[CD2] 100 iterations - value = 3.13159290355855280
[CD2] 1000 iterations - value = 3.14059265383977770
[CD2] 10000 iterations - value = 3.14149265359004914
[CD2] 100000 iterations - value = 3.14158265358970645
[CD2] 1000000 iterations - value = 3.14159165358970682
[CD2] 10000000 iterations - value = 3.14159255358580580
[CD2] 100000000 iterations - value = 3.14159264358448809
[CD2] 1000000000 iterations - value = 3.14159265258555465
[CD2] 10000000000 iterations - value = 3.14159265348480332

Time = 42607.7780 ms

[CF1] 10 iterations - value = 3.04183959960937500
[CF1] 100 iterations - value = 3.13159251213073730
[CF1] 1000 iterations - value = 3.14059257507324219
[CF1] 10000 iterations - value = 3.14149856567382812
[CF1] 100000 iterations - value = 3.14158582687377930
[CF1] 1000000 iterations - value = 3.14159536361694336
[CF1] 10000000 iterations - value = 3.14159679412841797
[CF1] 100000000 iterations - value = 3.14159679412841797
[CF1] 1000000000 iterations - value = 3.14159679412841797
[CF1] 10000000000 iterations - value = 3.14159679412841797

Time = 35624.2140 ms

[CF2] 10 iterations - value = 3.04184055328369141
[CF2] 100 iterations - value = 3.13159465789794922
[CF2] 1000 iterations - value = 3.14058685302734375
[CF2] 10000 iterations - value = 3.14148902893066406
[CF2] 100000 iterations - value = 3.14157199859619141
[CF2] 1000000 iterations - value = 3.11702728271484375
[CF2] 10000000 iterations - value = 2.45036125183105469
[CF2] 100000000 iterations - value = 2.45036125183105469
[CF2] 1000000000 iterations - value = 2.45036125183105469
[CF2] 10000000000 iterations - value = 2.45036125183105469

Time = 31438.2910 ms

[ASM] 10 iterations - value = 3.05840276592733229
[ASM] 100 iterations - value = 3.13178896757345360
[ASM] 1000 iterations - value = 3.14059464984626846
[ASM] 10000 iterations - value = 3.14149267358604867
[ASM] 100000 iterations - value = 3.14158265378970292
[ASM] 1000000 iterations - value = 3.14159165359170700
[ASM] 10000000 iterations - value = 3.14159255358582712

[ASM] 100000000 iterations - value = 3.14159264358449164
[ASM] 1000000000 iterations - value = 3.14159265258555465
[ASM] 10000000000 iterations - value = 3.14159265348480332
Time = 5816.0980 ms
[ASM2] 10 iterations - value = 3.05840325355529785
[ASM2] 100 iterations - value = 3.13197731971740723
[ASM2] 1000 iterations - value = 3.14059996604919434
[ASM2] 10000 iterations - value = 3.14148426055908203
[ASM2] 100000 iterations - value = 3.14153432846069336
[ASM2] 1000000 iterations - value = 3.13786029815673828
[ASM2] 10000000 iterations - value = 2.98876094818115234
[ASM2] 100000000 iterations - value = 2.98876094818115234
[ASM2] 1000000000 iterations - value = 2.98876094818115234
[ASM2] 10000000000 iterations - value = 2.98876094818115234
Time = 3020.7560 ms