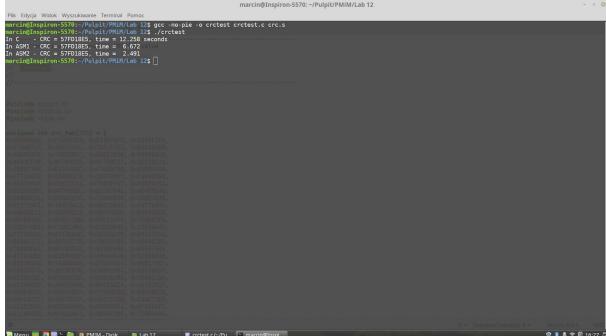Marcin Sawczuk 303163, zajęcia 11

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
```