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DATE: 20-11-2025 14:10:40 USER: PYNCKELS JOB: PERFORM PAGE: 0000

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4 PERFORM PYNCKELS FILE NAME/TYPE= STDIN
5 PERFORM PYNCKELS
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14 PERFORM PYNCKELS FORM= WIDE
15 PERFORM PYNCKELS
16 PERFORM PYNCKELS CHAR= FONTMONO
17 PERFORM PYNCKELS
18 PERFORM PYNCKELS PRT1403 VERSION= 1.5.PRE-RELEASE
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24 PP PP YY YY NNN NN CC CC KK KK EE LL SS SS
25 PP PP YY YY NNNN NN CC KK KK EE LL SS
26 PPPPPPPP YYYY NN NN NN CC KKKKK EEEEEEEE LL SSSSSSS
27 PPPPPPPP YY NN NN NN CC KK KK EEEEEEEE LL SSSSSSS
28 PP YY NN NNNN CC KK KK EE LL SS
29 PP YY NN NNN CC KK KK EE LL SS SS
30 PP YY NN NN CCCCCCCC KK KK EEEEEEEE LLLLLLLL SSSSSSS
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35 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00000000 RRRRRRRR MM MM
36 PP PP EE RR RR FF 00 00 RR RR MMMM MMMM
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39 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00 00 RRRRRRRR MM M MM
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42 PP EEEEEEEE RR RR FF 00000000 RR RR MM MM
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48 00 00 00 00 111
49 00 00 00 00 11
50 00 00 00 00 11
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52 00 00 00 00 11
53 00 00 00 00 11
54 0000000 0000000 111111
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58 *****
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```
1 import time
2
3 def sum_integers():
4     total = 0
5     for i in range(1, 10**7):
6         total += i
7     return total
8
9 start_time = time.time()
10 result = sum_integers()
11 end_time = time.time()
12
13 print(f"Python: The sum is {result}")
14 print(f"Python: Time taken = {end_time - start_time} seconds")
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24 PP PP YY YY NNN NN CC CC KK KK EE LL SS SS
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26 PPPPPPPP YYYY NN NN NN CC KKKKK EEEEEEEE LL SSSSSSS
27 PPPPPPPP YY NN NN NN CC KK KK EEEEEEEE LL SSSSSSS
28 PP YY NN NNNN CC KK KK EE LL SS
29 PP YY NN NNN CC KK KK EE LL SS SS
30 PP YY NN NN CCCCCCCC KK KK EEEEEEEE LLLLLLLL SSSSSSS
31 PP YY NN N CCCCCCCC KK KK EEEEEEEE LLLLLLLL SSSSSSS
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34 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 0000000 RRRRRRRR M M
35 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00000000 RRRRRRRR MM MM
36 PP PP EE RR RR FF 00 00 RR RR MMMM MMMM
37 PP PP EE RR RR FF 00 00 RR RR MMMM MMMM
38 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00 00 RRRRRRRR MM MMM MM
39 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00 00 RRRRRRRR MM M MM
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46 00000 00000 222222
47 0000000 0000000 22222222
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50 00 00 00 00 22
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53 00 00 00 00 22
54 0000000 0000000 22222222
55 00000 00000 22222222
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58 *****
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```
1 program performance_test
2 implicit none
3 integer :: i, total
4 real(8) :: start_time, end_time
5
6 total = 0
7 call cpu_time(start_time)
8
9 do i = 1, 10000000
10    total = total + i
11 end do
12
13 call cpu_time(end_time)
14
15 print *, "Fortran: The sum is ", total
16 print *, "Fortran: Time taken = ", end_time - start_time
17 end program performance_test
```

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26 PPPPPPPP YYYY NN NN NN CC KKKKK EEEEEEEE LL SSSSSSS
27 PPPPPPPP YY NN NN NN CC KK KK EEEEEEEE LL SSSSSSS
28 PP YY NN NNNN CC KK KK EE LL SS
29 PP YY NN NNN CC KK KK EE LL SS SS
30 PP YY NN NN CCCCCCCC KK KK EEEEEEEE LLLLLLLL SSSSSSS
31 PP YY NN N CCCCCCCC KK KK EEEEEEEE LLLLLLLL SSSSSSS
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35 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00000000 RRRRRRRR MM MM
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37 PP PP EE RR RR FF 00 00 RR RR MMMM MMMM
38 PPPPPPPP EEEEEEEE RRRRRRRR FFFFFFFF 00 00 RRRRRRRR MM MMM MM
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40 PP EE RR RR FF 00 00 RR RR MM MM
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47 0000000 0000000 333333333
48 00 00 00 00 33 33
49 00 00 00 00 33
50 00 00 00 00 333
51 00 00 00 00 333
52 00 00 00 00 33
53 00 00 00 00 33 33
54 0000000 0000000 333333333
55 00000 00000 3333333
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58 *****
59 *****
60 *****

```
1 #include <stdio.h>
2 #include <time.h>
3
4 int main() {
5     long i;
6     long total = 0;
7     clock_t start_time, end_time;
8
9     start_time = clock();
10
11    for (i = 1; i < 10000000; i++) {
12        total += i;
13    }
14
15    end_time = clock();
16
17    printf("C: The sum is %ld\n", total);
18    printf("C: Time taken = %lf seconds\n", (double)(end_time - start_time) / CLOCKS_PER_SEC);
19
20    return 0;
21}
```