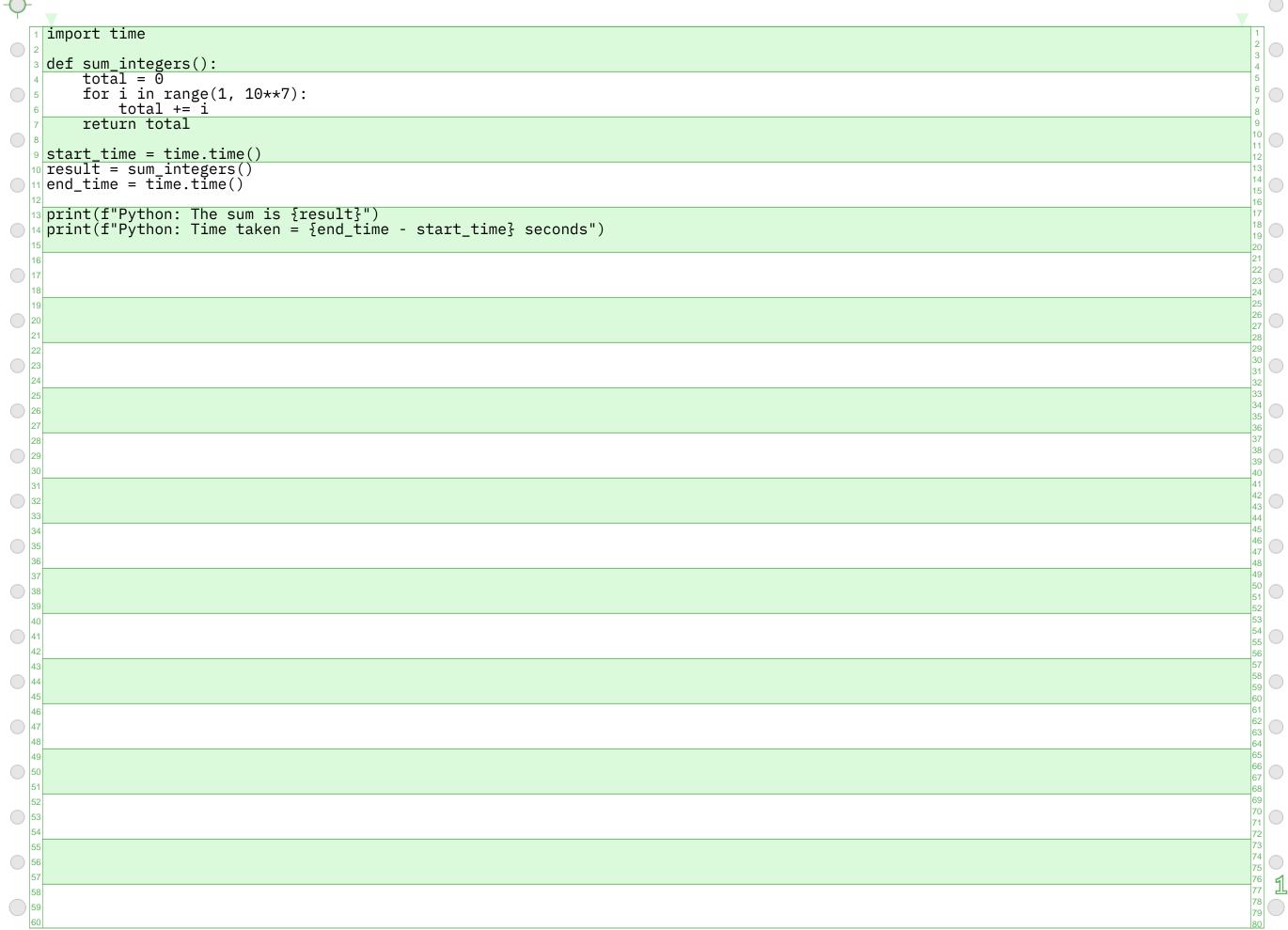
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```
program performance_test
             implicit none
             integer :: i, total
             real(8) :: start_time, end_time
             total = 0
             call cpu_time(start_time)
             do i = 1, 10000000
total = total + i
             end do
             call cpu_time(end_time)
print *, "Fortran: The sum is ", total
print *, "Fortran: Time taken = ", end_time - start_time
end program performance_test
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#include <stdio.h> 2 #include <time.h> int main() { long i; long total = 0; clock_t start_time, end_time; start_time = clock(); for (i = 1; i < 10000000; i++) { total += i; end_time = clock(); 20 21 22 23 24 25 26 27 printf("C: The sum is %ld\n", total);
printf("C: Time taken = %lf seconds\n", (double)(end_time - start_time) / CLOCKS_PER_SEC); return 0; 28 29 30 31 32 33 34 35 41 42 43

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