

```
#include <stdio.h>
#include <time.h>
#include <unistd.h>
#include <stdlib.h>
#include <string.h>
int main() {
    // 1. Print current system time
    time_t now;
    time(&now);
    printf("Current System Time: %s", ctime(&now));

    // 2. Do some dummy computation
    long long sum = 0;
    for (long long i = 0; i < 5000000000; i++) {
        sum += i;
    }
    printf("Dummy computation result: %lld\n", sum);

    // 3. Read /proc/self/stat to get CPU times
    FILE *fp = fopen("/proc/self/stat", "r");
    if (fp == NULL) {
        perror("Error opening /proc/self/stat");
        return 1;
    }

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