

```

#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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