

**University of Liberal Arts Bangladesh (ULAB)**  
**Mohammadpur, Dhaka, Bangladesh**



**Name: Anika Tasnim**

**Student ID: 252014041**

**Course Title: Structured programming**

**Course code: 0613-014-1201**

**Section: 2**

**Date: 06/10/2025**

## Code:

```
#include <stdio.h>

int main() {
    long long seconds;
    printf("Enter total seconds: ");
    scanf("%lld", &seconds);

    long long sec_in_min = 60;
    long long sec_in_hour = 60 * 60;
    long long sec_in_day = 24 * sec_in_hour;
    long long sec_in_month = 30 * sec_in_day;
    long long sec_in_year = 12 * sec_in_month;

    long long years = seconds / sec_in_year;
    seconds %= sec_in_year;

    long long months = seconds / sec_in_month;
    seconds %= sec_in_month;

    long long days = seconds / sec_in_day;
    seconds %= sec_in_day;

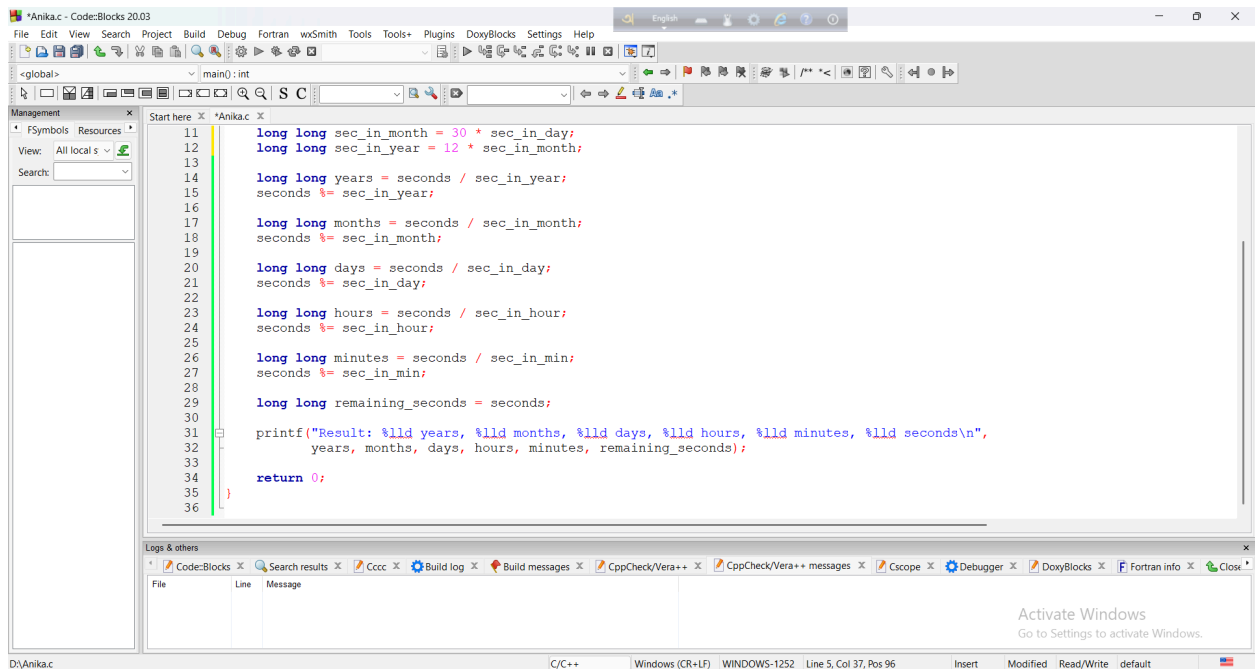
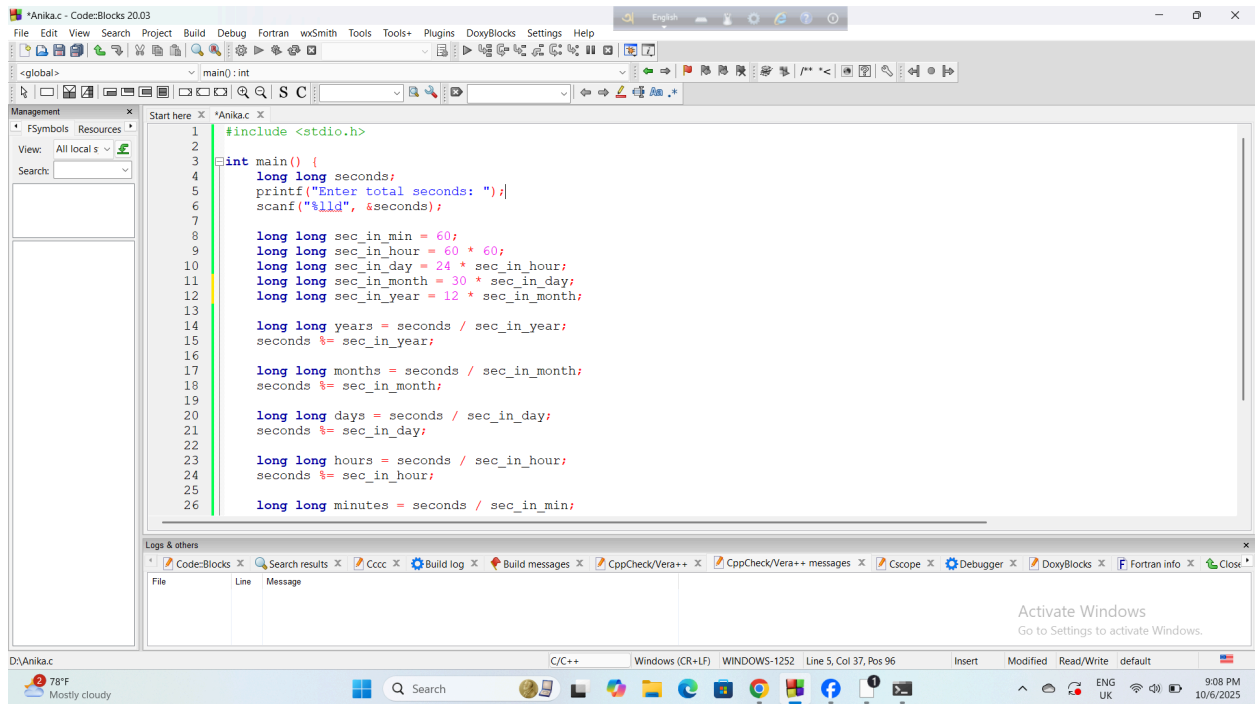
    long long hours = seconds / sec_in_hour;
    seconds %= sec_in_hour;

    long long minutes = seconds / sec_in_min;
    seconds %= sec_in_min;

    long long remaining_seconds = seconds;

    printf("Result: %lld years, %lld months, %lld days, %lld hours, %lld minutes, %lld seconds\n",
        years, months, days, hours, minutes, remaining_seconds);

    return 0;
}
```



D:\Anika.exe

Enter total seconds: 9999993680  
Result: 321 years, 6 months, 0 days, 16 hours, 1 minutes, 20 seconds  
Process returned 0 (0x0) execution time : 29.534 s  
Press any key to continue.