

```

#include <stdio.h>
Day* temp = head;
while (temp != NULL) {
    if (temp->date == date) {
        snprintf(temp->event, sizeof(temp->event), "%s", event);
        return;
    }
    temp = temp->next;
}
printf("Date %d not found in the calendar.\n", date);
}

int main() {
    Day* calendar = NULL;
    int daysInMonth, startDay;
    const char* daysOfWeek[] = {"Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday",
    "Saturday"};

    // Get the number of days in the month from the user
    printf("Enter the number of days in the month: ");
    scanf("%d", &daysInMonth);

    // Get the starting day of the week from the user
    printf("Enter the starting day of the week (0 for Sunday, 1 for Monday, ..., 6 for Saturday): ");
    scanf("%d", &startDay);

    // Create the calendar
    for (int i = 1; i <= daysInMonth; i++) {
        appendDay(&calendar, i, daysOfWeek[(i - 1 + startDay) % 7]);
    }

    // Allow the user to add events
    int addMoreEvents = 1;
    while (addMoreEvents) {
        int eventDate;
        char eventDescription[100];
        printf("Enter the date for the event (1-%d): ", daysInMonth);
        scanf("%d", &eventDate);
        printf("Enter the event description: ");
        getchar(); // Consume newline character left by scanf
        fgets(eventDescription, sizeof(eventDescription), stdin);
        eventDescription[strcspn(eventDescription, "\n")] = '\0'; // Remove the newline character from
the input
        addEvent(calendar, eventDate, eventDescription);

        printf("Do you want to add another event? (1 for yes, 0 for no): ");
        scanf("%d", &addMoreEvents);
    }

    // Print the calendar
    printCalendar(calendar);

    // Free the memory allocated for the calendar
    freeCalendar(calendar);

    return 0;
}

```