

```
# include <stdio.h>
# include "parsedate.h"

int parse_year(const char *buf)
{
    int year, input;
    int i;

    input = 0;
    year = 0;
    i = 0;
    while(buf[i] != '/') {
        input = buf[i] - '0';
        year = (year * 10) + input;
        i = i + 1;
    }
    return year;
}

int parse_month(const char *buf)
{
    int year = 0;
    int input = 0;
    int month = 0;

    int i = 0;
    while(buf[i] != '/') {
        input = buf[i] - '0';
        year = (year * 10) + input;
        i = i + 1;
    }
    i = i + 1;
    input = 0;
    while(buf[i] != '/') {
        input = buf[i] - '0';
        month = (month * 10) + input;
        i = i + 1;
    }
    return month;
}

int parse_day(const char *buf)
{
    int input = 0;
    int year = 0;
    int month = 0;
    int day = 0;

    int i = 0;
    while(buf[i] != '/') {
        input = buf[i] - '0';
        year = (year * 10) + input;
        i = i + 1;
    }
    i = i + 1;
    input = 0;
    while(buf[i] != '/') {
        input = buf[i] - '0';
        month = (month * 10) + input;
        i = i + 1;
    }
    i = i + 1;
```

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    input = 0;
    while(buf[i] != '\0'){
        input = buf[i] - '0';
        day = (day * 10) + input;
        i = i + 1;
    }
    return day;
}
```