

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

 * parsedate.c - This is my solution to the first lab of eecs2031 about
 * getting the year, month, and date from a string.

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 **/
int parse_year(const char *buf)
{
    int year = 0;
    int i=0;

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

    return year;
}

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

    while(buf[i] != '/')
        i++;

    if(buf[i] == '/')
        i++;

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

    return month;
}

int parse_day(const char *buf)
{
    int day = 0;
    int i=0;

    while(buf[i] != '/')
        i++;

    if(buf[i] == '/')
        i++;

    while(buf[i] != '/')
        i++;
}
```

```
        if(buf[i] == '/')
            i++;

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

        return day;
    }
```