```c
/* EE231002 Lab04, Calender of the Month
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#include <stdio.h>  // call out standard I/O library

int main (void)     // main function begin
{
    int month;               // declared to storage month input
    int day = 1;             // to count the day of the month
    int numday = 1;          // to tell computer how many day in this month
    int daysum = 0;          // to summarize days in the year before this day
    int monthbegin = 1;      /* to count how many days
                                of previous month in this week */
    int weekend = 0;         // to count when to next line  after 7 days
    // Can insert a blank line here.
    printf("Input a month of 2018: ");  // to ask to input month
    scanf("%d", &month);                // to input what month it is
    switch (month) {                    /* tell computer what to print
                                and how many days in the month */
        case 1: printf("    January 2018\n");
                numday = 31;
                break;
        case 2: printf("    February 2018\n");
                numday = 28;
                break;
        case 3: printf("    March 2018\n");
                numday = 31;
                break;
        case 4: printf("    April 2018\n");
                numday = 30;
                break;
        case 5: printf("    May 2018\n");
                numday = 31;
                break;
        case 6: printf("    June 2018\n");
                numday = 30;
                break;
        case 7: printf("    July 2018\n");
                numday = 31;
                break;
        case 8: printf("    August 2018\n");
                numday = 31;
                break;
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44          case 9: printf("    September 2018\n");
45                  numday = 30;
46                  break;
47          case 10: printf("    October 2018\n");
48                   numday = 31;
49                   break;
50          case 11: printf("    November 2018\n");
51                   numday = 30;
52                   break;
53          case 12: printf("    December 2018\n");
54                   numday = 31;
55                   break;
56          default: printf("Input error, program aborts!\n");
57                   break;
                     // This break is not needed.
58                   // ask error if not input number 1-12
59          }
60      if (month <=12) {         // to restrict perform from 1 to 12
        // What if month < 1?
61          switch (month) {       /* to know how many days after begin
62                                     of the year to this month's begin  */
63              case 12: daysum += 30;
64              case 11: daysum += 31;
65              case 10: daysum += 30;
66              case 9: daysum += 31;
67              case 8: daysum += 31;
68              case 7: daysum += 30;
69              case 6: daysum += 31;
70              case 5: daysum += 30;
71              case 4: daysum += 31;
72              case 3: daysum += 28;
73              case 2: daysum += 31;
74              case 1: daysum += 1;
        // Indentation is incorrect from this line on.
75      }
76      printf("    Sun Mon Tue Wed Thu Fri Sat\n    ");
77          // print the second line of the calender
78      monthbegin = daysum % 7;     // to know what day is the month's 1st day
79      while (monthbegin >= 1) {
80          // to count how many day in the week before month's 1st day
81          weekend++;    // start to count days in line
82          monthbegin--;  // countdown days before 1st
83          printf("    ");     // print blanks in those day in previous month
84      }
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85      for (day = 1;day <= numday;day++ ) {    // to start printing day
86          if (weekend == 7) {         /*  to go to next line if
87                                          there are 7 days in this line */
88              printf("\n    ");       // go to the next line(week)
89              weekend -= 7;           // reset the counter of the line
90          }
91          weekend++;                  // make week counter +1
92          printf("%2d  ", day);       // print each day on the screen
93          }
94      printf("\n");                   // go to next line after end of the calender
95      }
96      return 0;
97  }
98
99
```

// Output is wrong if given 0 as input.
// Program needs proper indentations.
Score: 86