

Coding C

RUN

MENU

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```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5 #define MAX_BIRTHDAYS 100
6
7 struct Birthday {
8     char name[50];
9     int day;
10    int month;
11 };
12
13 struct Birthday birthdays[MAX_BIRTHDAYS];
14 int num_birthdays = 0;
15
16 void addBirthday() {
17     if (num_birthdays == MAX_BIRTHDAYS) {
18         printf("Birthday list is full.\n");
19         return;
20     }
21
22     struct Birthday newBirthday;
23
24     printf("Enter name: ");
25     scanf("%s", newBirthday.name);
26
27     printf("Enter day (1-31): ");
28     scanf("%d", &newBirthday.day);
29
30     printf("Enter month (1-12): ");
31     scanf("%d", &newBirthday.month);
32
33     birthdays[num_birthdays++] = newBirthday;
34
35     printf("Birthday added successfully!\n");
36 }
37
38 void editBirthday() {
39     char name[50];
40     printf("Enter the name to edit: ");
```

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```
42     printf("Enter the name to edit: ");
43     scanf("%s", name);
44
45     for (int i = 0; i < num_birthdays; i++) {
46         if (strcmp(birthdays[i].name, name) == 0) {
47             printf("Enter new day (1-31): ");
48             scanf("%d", &birthdays[i].day);
49
50             printf("Enter new month (1-12): ");
51             scanf("%d", &birthdays[i].month);
52
53             printf("Birthday updated successfully\n");
54             return;
55         }
56     }
57
58     printf("Birthday not found.\n");
59 }
60
61 void displayBirthdayList() {
62     if (num_birthdays == 0) {
63         printf("Birthday list is empty.\n");
64         return;
65     }
66
67     printf("Birthday List:\n");
68     printf("Name\t\t\tBirthday\n");
69
70     for (int i = 0; i < num_birthdays; i++) {
71         printf("%-15s%d/%d\n", birthdays[i].name,
72             birthdays[i].day, birthdays[i].month);
73     }
74 }
75 void searchBirthday() {
76     char name[50];
77     printf("Enter the name to search: ");
78     scanf("%s", name);
79
80     for (int i = 0; i < num_birthdays; i++) {
81         if (strcmp(birthdays[i].name, name) == 0) {
82             printf("Birthday found: %d/%d\n", birthdays[i].day, birthdays[i].month);
83         }
84     }
85 }
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```
81         if (strcmp(birthdays[i].name, name) == 0)
82             printf("Birthday found: %d/%d\n", bi
83             return;
84     }
85 }
86
87     printf("Birthday not found.\n");
88 }
89
90 void viewMonthlyBirthdays() {
91     int month;
92     printf("Enter the month (1-12): ");
93     scanf("%d", &month);
94
95     printf("Birthdays in month %d:\n", month);
96     printf("Name\t\tBirthday\n");
97
98     for (int i = 0; i < num_birthdays; i++) {
99         if (birthdays[i].month == month) {
100             printf("%-15s%d/%d\n", birthdays[i].
101             }
102     }
103 }
104
105 int main() {
106     int choice;
107
108     do {
109         printf("\nBirthday List Management System\n");
110         printf("1. Add Birthday\n");
111         printf("2. Edit Birthday\n");
112         printf("3. Display Birthday List\n");
113         printf("4. Search Birthday\n");
114         printf("5. View Monthly Birthdays\n");
115         printf("6. Exit\n");
116         printf("Enter your choice: ");
117         scanf("%d", &choice);
118
119         switch (choice) {
120             case 1:
```

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```
107
108     do {
109         printf("\nBirthday List Management System\n");
110         printf("1. Add Birthday\n");
111         printf("2. Edit Birthday\n");
112         printf("3. Display Birthday List\n");
113         printf("4. Search Birthday\n");
114         printf("5. View Monthly Birthdays\n");
115         printf("6. Exit\n");
116         printf("Enter your choice: ");
117         scanf("%d", &choice);
118
119         switch (choice) {
120             case 1:
121                 addBirthday();
122                 break;
123             case 2:
124                 editBirthday();
125                 break;
126             case 3:
127                 displayBirthdayList();
128                 break;
129             case 4:
130                 searchBirthday();
131                 break;
132             case 5:
133                 viewMonthlyBirthdays();
134                 break;
135             case 6:
136                 printf("Exiting...\n");
137                 break;
138             default:
139                 printf("Invalid choice. Please try again.\n");
140         }
141     } while (choice != 6);
142
143     return 0;
144 }
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Compile Result

```
3. Display Birthday List
4. Search Birthday
5. View Monthly Birthdays
6. Exit
```

```
Enter your choice: 1
Enter name: vaishnavi
Enter day (1-31): 13
Enter month (1-12): 02
Birthday added successfully!
```

```
Birthday List Management System
```

```
1. Add Birthday
2. Edit Birthday
3. Display Birthday List
4. Search Birthday
5. View Monthly Birthdays
6. Exit
```

```
Enter your choice: 3
```

```
Birthday List:
```

Name	Birthday
vaishnavi	13/2

```
Birthday List Management System
```

```
1. Add Birthday
2. Edit Birthday
3. Display Birthday List
4. Search Birthday
5. View Monthly Birthdays
6. Exit
```

```
Enter your choice: 4
```

```
Enter the name to search: vaishnavi
```

1 2 3 4 5 6 7 8 9 0

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a s d f g h j k l

⬆ z x c v b n m ⬆

?123

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English

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