

```
1 C:\Python313\python.exe C:\Users\kavana\Task16.py
2 ===== Student Record System =====
3 1. Add Student
4 2. View Students
5 3. Search Student
6 4. Update Marks
7 5. Delete Student
8 6. Exit
9 Enter your choice: 3
10 Enter Roll Number to search: 98
11 Student not found.
12
13 ===== Student Record System =====
14 1. Add Student
15 2. View Students
16 3. Search Student
17 4. Update Marks
18 5. Delete Student
19 6. Exit
20 Enter your choice: 1
21 Enter Roll Number: 1
22 Enter Name: kavana shree
23 Enter Marks: 98
24 Student added successfully!
25
26 ===== Student Record System =====
27 1. Add Student
28 2. View Students
29 3. Search Student
30 4. Update Marks
31 5. Delete Student
32 6. Exit
33 Enter your choice: 1
34 Enter Roll Number: 2
35 Enter Name: bhavani
36 Enter Marks: 96
37 Student added successfully!
38
39 ===== Student Record System =====
40 1. Add Student
41 2. View Students
```

```
42 3. Search Student
43 4. Update Marks
44 5. Delete Student
45 6. Exit
46 Enter your choice: mamatha
47 ▲ Invalid choice. Try again.
48
49 ===== Student Record System =====
50 1. Add Student
51 2. View Students
52 3. Search Student
53 4. Update Marks
54 5. Delete Student
55 6. Exit
56 Enter your choice: 1
57 Enter Roll Number: 3
58 Enter Name: chandu
59 Enter Marks: 74
60 Student added successfully!
61
62 ===== Student Record System =====
63 1. Add Student
64 2. View Students
65 3. Search Student
66 4. Update Marks
67 5. Delete Student
68 6. Exit
69 Enter your choice: 1
70 Enter Roll Number: 4
71 Enter Name: Rapunzel
72 Enter Marks: 84
73 Student added successfully!
74
75 ===== Student Record System =====
76 1. Add Student
77 2. View Students
78 3. Search Student
79 4. Update Marks
80 5. Delete Student
81 6. Exit
82 Enter your choice: 1
```

```
83 Enter Roll Number: 5
84 Enter Name: Dora
85 Enter Marks: 65
86 ☐ Student added successfully!
87
88 ===== ☐ Student Record System =====
89 1. Add Student
90 2. View Students
91 3. Search Student
92 4. Update Marks
93 5. Delete Student
94 6. Exit
95 Enter your choice: 1
96 Enter Roll Number: 6
97 Enter Name: Olive
98 Enter Marks: 93
99 ☐ Student added successfully!
100
101 ===== ☐ Student Record System =====
102 1. Add Student
103 2. View Students
104 3. Search Student
105 4. Update Marks
106 5. Delete Student
107 6. Exit
108 Enter your choice: 5
109 Enter Roll Number to delete: 3
110 ☐ Student deleted successfully!
111
112 ===== ☐ Student Record System =====
113 1. Add Student
114 2. View Students
115 3. Search Student
116 4. Update Marks
117 5. Delete Student
118 6. Exit
119 Enter your choice: 4
120 Enter Roll Number to update: 6
121 Enter New Marks: 58
122 ☐ Marks updated successfully!
123
```

```
124 ===== Student Record System =====
125 1. Add Student
126 2. View Students
127 3. Search Student
128 4. Update Marks
129 5. Delete Student
130 6. Exit
131 Enter your choice: 2
132
133 Student Records:
134 Roll No: 1, Name: kavana shree, Marks: 98.0
135 Roll No: 2, Name: bhavani, Marks: 96.0
136 Roll No: 4, Name: Rapunzel, Marks: 84.0
137 Roll No: 5, Name: Dora, Marks: 65.0
138 Roll No: 6, Name: Olive, Marks: 58.0
139
140 ===== Student Record System =====
141 1. Add Student
142 2. View Students
143 3. Search Student
144 4. Update Marks
145 5. Delete Student
146 6. Exit
147 Enter your choice:
```

```
1 # Student Record System
2
3 students = {}
4
5
6 # Function to add a student
7 def add_student():
8     roll = input("Enter Roll Number: ")
9     if roll in students:
10         print("Student already exists!")
11         return
12
13     name = input("Enter Name: ")
14     marks = float(input("Enter Marks: "))
15
16     students[roll] = {"name": name, "marks": marks}
17     print("\n Student added successfully!\n")
18
19
20 # Function to view all students
21 def view_students():
22     if not students:
23         print("No records found.\n")
24         return
25
26     print("\n Student Records:")
27     for roll, details in students.items():
28         print(f"Roll No: {roll}, Name: {details['name']}
29         ']', Marks: {details['marks']}]")
30     print()
31
32 # Function to search a student
33 def search_student():
34     roll = input("Enter Roll Number to search: ")
35     if roll in students:
36         details = students[roll]
37         print(f"\n Found → Name: {details['name']},
38         Marks: {details['marks']}\n")
39     else:
40         print("\n Student not found.\n")
```

```
40
41
42 # Function to update marks
43 def update_marks():
44     roll = input("Enter Roll Number to update: ")
45     if roll in students:
46         new_marks = float(input("Enter New Marks: "))
47         students[roll]["marks"] = new_marks
48         print("✓ Marks updated successfully!\n")
49     else:
50         print("✗ Student not found.\n")
51
52
53 # Function to delete a student
54 def delete_student():
55     roll = input("Enter Roll Number to delete: ")
56     if roll in students:
57         del students[roll]
58         print("✓ Student deleted successfully!\n")
59     else:
60         print("✗ Student not found.\n")
61
62
63 # Main menu
64 def menu():
65     while True:
66         print("===== ✗ Student Record System =====")
67         print("1. Add Student")
68         print("2. View Students")
69         print("3. Search Student")
70         print("4. Update Marks")
71         print("5. Delete Student")
72         print("6. Exit")
73
74         choice = input("Enter your choice: ")
75
76         if choice == "1":
77             add_student()
78         elif choice == "2":
79             view_students()
```

```
80         elif choice == "3":
81             search_student()
82         elif choice == "4":
83             update_marks()
84         elif choice == "5":
85             delete_student()
86         elif choice == "6":
87             print("\n Exiting program...")
88             break
89         else:
90             print("\n Invalid choice. Try again.\n")
91
92
93 # Run the program
94 menu()
```