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import os
filename = "students.txt"
def add student():
    with open(filename, "a") as f:
        roll = input("Enter Roll Number: ")
        name = input("Enter Name: ")
        dept = input("Enter Department: ")
        marks = input("Enter Marks: ")
        f.write(f"{roll}, {name}, {dept}, {marks}\n")
    print("[OK] Student added successfully.\n")
def display_students():
    if not os.path.exists(filename):
        print("[ERROR] No records found.\n")
        return
   with open(filename, "r") as f:
        print("\n[RECORDS] Student Records:")
        for line in f:
            roll, name, dept, marks = line.strip().split(",")
            print(f"Roll: {roll} | Name: {name} | Dept: {dept} | Marks: {marks}")
        print()
def search student():
    roll search = input("Enter roll number to search: ")
    found = False
    with open(filename, "r") as f:
        for line in f:
            roll, name, dept, marks = line.strip().split(",")
            if roll == roll_search:
                print(f"\n[SEARCH] Found:\nRoll: {roll} | Name: {name} | Dept: {dept} | Marks:
                found = True
                break
    if not found:
        print("[ERROR] Student not found.\n")
def delete_student():
    roll_del = input("Enter roll number to delete: ")
    lines = []
    deleted = False
    with open(filename, "r") as f:
        lines = f.readlines()
   with open(filename, "w") as f:
        for line in lines:
            roll, *_ = line.strip().split(",")
            if roll != roll del:
                f.write(line)
            else:
                deleted = True
    if deleted:
        print("[DELETE] Student deleted successfully.\n")
```

else:

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def update_student():
    roll_up = input("Enter roll number to update: ")
    updated = False
    lines = []
   with open(filename, "r") as f:
        lines = f.readlines()
    with open(filename, "w") as f:
        for line in lines:
            roll, name, dept, marks = line.strip().split(",")
            if roll == roll_up:
                print("[EDIT] Enter new details:")
                name = input("New Name: ")
                dept = input("New Department: ")
                marks = input("New Marks: ")
                f.write(f"{roll},{name},{dept},{marks}\n")
                updated = True
            else:
                f.write(line)
    if updated:
        print("[OK] Student updated successfully.\n")
    else:
        print("[ERROR] Student not found.\n")
def menu():
    while True:
        print("===== Student Record Management System =====")
        print("1. Add Student")
        print("2. Display All Students")
        print("3. Search Student")
        print("4. Delete Student")
        print("5. Update Student")
        print("6. Exit")
        choice = input("Enter your choice (1-6): ")
        if choice == "1":
            add_student()
        elif choice == "2":
            display_students()
        elif choice == "3":
            search_student()
        elif choice == "4":
            delete_student()
        elif choice == "5":
            update_student()
        elif choice == "6":
            print("[BYE] Exiting... Goodbye!")
            break
        else:
            print("[ERROR] Invalid choice. Try again.\n")
menu()
```

print("[ERROR] Student not found.\n")