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# Student Database Manager
# Created by M. Uthuralakshmi
# This program allows adding, viewing, and deleting student records using dictionary and list in Python
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students = []

while True:
    print("\n MENU:")
    print("1. Add Student")
    print("2. View All Students")
    print("3. Delete Student")
    print("4. Exit")

    choice = input("Enter your choice (1-4): ")

    if choice == '1':
        name = input("Enter student name: ")
        course = input("Enter student course: ")
        grade = input("Enter grade: ")

        student = {
            'name': name,
            'course': course,
            'grade': grade
        }

        students.append(student)
        print("\n Student added!")

    elif choice == '2':
        print("\n Student List:")
        for s in students:
            print("Name:", s['name'])
            print("Course:", s['course'])
            print("Grade:", s['grade'])
            print("-----")

    elif choice == '3':
        name_to_delete = input("Enter student name to delete: ")
        found = False
        for s in students:
            if s['name'] == name_to_delete:
                students.remove(s)
                print("\n Student deleted!")
                found = True
                break
        if not found:
            print("\n Student not found.")

    elif choice == '4':
        print("\n Exiting... Goodbye!")
        break

    else:
        print("\n Invalid choice. Please enter 1 to 4.")
```