def main():

    students = {}

    students['Jim'] = {'id': 1, 'gpa': 3.1, 'credits-completed': 97.0, 'grades': [80, 50, 100, 98]}

    students['Sarah'] = {'id': 2, 'gpa': 3.6, 'credits-completed': 40.0, 'grades': [80, 98]}

    print(students)

    print("\nList of Students")

    for student in students.keys():

        print(student)

    print("\nStudent Information")

    print("Name\t\tID\tGPA\tCredits Completed\tGrades")

    for student, info in students.items():

        print(f"{student}\t\t{info['id']}\t{info['gpa']}\t{info['credits-completed']}\t\t{info['grades']}")

    print("\nAccessing Student Information Using the Key in a Loop")

    for student in students:

        print(student, students[student])

    print("\nSarah has dropped out, removing from student info registry")

    students.pop('Sarah')

    print(students)

    print("\nGetting Jim's GPA")

    jim\_gpa = students.get('Jim').get('gpa')

    print(jim\_gpa)

    print("\nStudents have graduated, clearing the student registry")

    students.clear()

    print(students)

    print("\nCompleted by, {Dajia-Rae Moreno}")

if \_\_name\_\_ == "\_\_main\_\_":

    main()

A screenshot of a computer program

Description automatically generated