movies = {}

mnum = 0

while True:

    print("\n1) Add a Movie")

    print("2) Update a Movie")

    print("3) Delete a Movie")

    print("4) View all Movies")

    print("5) Exit")

    choice = int(input("Enter your choice: "))

    if choice == 1:

        movie\_name = input("Enter Movie Name: ")

        director\_name = input("Enter Director Name: ")

        release\_year = input("Enter Release Year: ")

        genres = input("Enter Generes: ")

        dict = {}

        mnum = mnum + 1

        n = str(mnum)

        mov = "movie" + n

        dict = {

            "movie"

            + n: {

                "Name": movie\_name,

                "Director": director\_name,

                "Release Year": release\_year,

                "Genres": genres,

            }

        }

        for k, v in dict.items():

            movies[k] = v

        # print(movies)

    elif choice == 2:

        if len(movies) == 0:

            print("No Movies in the list")

        else:

            n = input("Enter the name of movie you want to update: ")

            for k, v in movies.items():

                if v["Name"] == n:

                    v["Name"] = input("Enter Movie Name: ")

                    v["Director"] = input("Enter Director Name: ")

                    v["Release Year"] = input("Enter release year: ")

                    v["Genres"] = input("Enter Genres: ")

            # print(movies)

    elif choice == 3:

        if len(movies) == 0:

            print("No Movies in the list")

        else:

            m = {}

            n = input("Enter the name of movie you want to delete: ")

            for k, v in movies.items():

                if v["Name"] == n:

                    m[k] = v

        for key, value in m.items():

            del movies[key]

        # print(movies)

    elif choice == 4:

        if len(movies) == 0:

            print("No Movies in the list")

        else:

            for k, v in movies.items():

                print()

                print(f"-----{v['Name'].upper()}-----")

                print(f"{v['Director']}")

                print(f"{v['Release Year']}")

                print(f"{v['Genres']}\n")

    elif choice == 5:

        break

    else:

        print("Invalid Choice")