In [1]:
```
#  1. Manage a list of unique attendees for an event
attendees = {"Alice", "Bob", "Charlie", "Diana"}
print("Unique attendees:", attendees)
```

```
Unique attendees: {'Charlie', 'Bob', 'Diana', 'Alice'}
```

In [2]:
```
# 2. Compare products available in two different stores
store_a = {"Apples", "Bananas", "Oranges", "Grapes"}
store_b = {"Bananas", "Grapes", "Mangoes"}

# Common products
common_products = store_a & store_b
print("Common products:", common_products)

# Unique to each store
unique_to_a = store_a - store_b
unique_to_b = store_b - store_a
print("Unique to Store A:", unique_to_a)
print("Unique to Store B:", unique_to_b)
```

```
Common products: {'Grapes', 'Bananas'}
Unique to Store A: {'Oranges', 'Apples'}
Unique to Store B: {'Mangoes'}
```

In [3]:
```
#  3. Find out missing courses attended by students
all_courses = {"Math", "English", "Science"}
completed_courses = {"Math", "Science"}

missing_courses = all_courses - completed_courses
print("Missing courses:", missing_courses)
```

```
Missing courses: {'English'}
```

In [4]:
```
# 4. Create a Dictionary for Student Grades
# Step 1: Create and add initial students
student_grades = {
    "Alice": 85,
    "Bob": 90,
    "Charlie": 78
}
print("Bob's grade:", student_grades["Bob"])

student_grades["David"] = 92
student_grades["Eve"] = 88
print("Updated student grades:", student_grades)
```

```
Bob's grade: 90
Updated student grades: {'Alice': 85, 'Bob': 90, 'Charlie': 78, 'David': 92, 'Eve': 88}
```

In [ ]:
```

```